

Public Health Reports

Treasury Department, United States Marine-Hospital Service. Published in accordance with act of Congress approved February 15, 1893.

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UNITED STATES.

[Reports to the Surgeon-General United States Marine-Hospital Service.]

Yellow fever in Miami, Fla., from October 17 to December 19, 1899.

MIAMI, FLA., December 20, 1899.

SIR: Replying to your telegram of yesterday transmitted from the Jacksonville office of the board, you are informed that from October 17 to December 19 inclusive, there have been reported to me 204 cases of yellow fever with 14 deaths. From November 22 the date of query to December 19 inclusive, there have been 59 cases with 6 deaths. There are at present writing under treatment, 9 cases.

Respectfully,

JOSEPH Y. PORTER,
State Health Officer of Florida.

Yellow fever in the United States as reported to the Surgeon-General United States Marine-Hospital Service from August 31 to December 29, 1899.

Places.	Date.	Cases.	Deaths.
Florida:			
Key West.....	Aug. 31-Nov. 30...	1,320	68
Miami.....	Sept. 5-Sept. 22....	2	1
	Oct. 17-Dec. 19....	204	14
Port Tampa City.....	Sept. 4-Nov. 16....	10	1
Louisiana:			
New Orleans.....	Aug. 27-Dec. 9....	115	20
Maryland:			
Baltimore.....	Oct. 8.....	a 1	1
Mississippi:			
Centerville.....	Sept. 29.....	2	.....
Flora.....	Oct. 25.....	(b)	.....
Jackson.....	Sept. 10-Oct. 30....	55	8
	Oct. 31-Nov. 1....	6	1
Mississippi City.....	Sept. 1.....	1	1
	Sept. 14-Sept. 29...	26	1

a At quarantine station. b Yellow fever reported.

REPORTS FROM THE MEXICAN BORDER.

El Paso, Tex., December 17, 1899.—I have the honor to report the following work for the week ended December 16, 1899: Inspection Mexican Central Railway passengers, 154; inspection at international bridge and giving certificates of successful vaccination, 54; inspection of immigrants, 33; disinfection of baggage and household goods, 11; vaccination, 16.

Respectfully,

E. ALEXANDER,
Sanitary Inspector, U. S. M. H. S.

Laredo, Tex., December 19, 1899.—I have the honor to submit the following report for week ended December 16, 1899: All passengers on train from Mexico inspected and allowed entry. Fifteen immigrants inspected and allowed entry. Seven persons vaccinated, including indigent third-class passengers and immigrants.

Respectfully,

H. J. HAMILTON,
Acting Assistant Surgeon, U. S. M. H. S.

Smallpox in Cairo, Ill.

CAIRO, ILL., *December 20, 1899.*

SIR: I have the honor to report the presence of 12 cases of smallpox under treatment at the pesthouse of this city. None of the cases can be traced to the river, but, on the contrary, seem to have originated from a resort within the city. Most of the cases are of a mild form, and the majority of the patients are negroes.

The wharf master has been requested to post notice that all seamen presenting themselves at the office of this hospital may be vaccinated.

With your approval and advice I will visit the pesthouse, under proper precautions, to observe clinical aspects of the disease.

Respectfully,

JOHN MILTON HOLT,
Assistant Surgeon, U. S. M. H. S., In Command.

Case of smallpox at Leadville, Colo.

DENVER, COLO., *December 14, 1899.*

SIR: A case of smallpox is reported at Leadville, Colo., having developed December 5. Patient well quarantined.

Respectfully,

G. E. TYLER,
Secretary.

Smallpox in Norfolk and vicinity.

NORFOLK, VA., *December 16, 1899.*

SIR: I have the honor to state that the smallpox situation at this port is becoming more serious. So far I have had no reply to my letter of inquiry from the health commissioner of this city, although I was told by the commissioner and the president of the board of health verbally, that they declined to give the information because there was more smallpox in other towns in the vicinity which were not reporting it, and it would be an injustice to this city to make a report under those circumstances. I see from the papers that Portsmouth has ordered a general vaccination and appointed a physician to take charge of all smallpox cases. So far no report has been received from the health officer of Norfolk County.

Respectfully,

EDW. E. FEILD,
Acting Assistant Surgeon, U. S. M. H. S.

*Smallpox in Springfield, Mo.*SPRINGFIELD, MO., *December 20, 1899.*

SIR: Answering your circular letter (G. T. V.) in regard to smallpox, the first case appeared last summer, and the doctor in charge pronounced it chicken pox. Not much attention was paid to it until the middle of August, when we had 2 more cases, then the doctors were divided—they called it everything: "Porto Rico itch," "Cuba measles," "Manila scab," and smallpox; however, we quarantined it and treated it as smallpox. By September 28 we had 27 cases, all colored patients. Then we moved them all outside the city to a pest camp, where we had erected two houses 20 by 50 feet, each house divided into two wards; one house for whites and one for blacks. We also put up 30 tents and put floors and stoves in each tent. Up to date they seem to prefer the tents to the houses. We have removed to these, with two or three exceptions, every case.

Up to date we have had 195 colored and 155 white patients. Of these we have had 4 deaths—1 white and 2 colored men, and 1 three-weeks' old infant.

Respectfully,

JNO. F. CUNNINGHAM,
*Health Officer.**Smallpox in Washington, D. C.*WASHINGTON, D. C., *December 22, 1899.*

SIR: I have the honor to report the occurrence of 2 new cases of smallpox since the date of my last letter. There are, therefore, in this District to-day 6 cases of smallpox, all in the hospital.

Respectfully,

H. C. McLEAN,
*Acting Health Officer.**Smallpox in the United States as reported to the Surgeon-General United States Marine-Hospital Service, June 30 to December 29, 1899.*

[For reports received from January 1 to June 30, 1899, see PUBLIC HEALTH REPORTS for June 30.]

Places.	Date.	Cases.	Deaths.	Remarks.
Arkansas:				
Independence County	Oct. 26.....	1	.....
Jackson County	Oct. 27.....	19	.....
Jefferson County	Oct. 4.....	20	.....
Lee County	Sept. 1-Nov. 25...	11	0	
Pope County .....	.....do.....	1	.....
Pulaski County	Oct. 4-Oct. 26.....	16	.....
Total for the State.....		68	.....
California:				
Oakland.....	June 3-June 24...	2	0	
San Diego.....	June 1-June 30...	0	0	
Total for the State.....		2	0	
Colorado:				
Arrapahoe County.....	Nov. 13.....	1	.....
El Paso County.....	Dec. 4.....	1	.....
Hinsdale County.....	Sept. 9.....	1	.....
Lake County.....	Sept. 18.....	2	.....
	Oct. 28.....	2	.....
	Dec. 5.....	1	.....
Las Animas County.....	Sept. 9.....	1	.....
	Oct. 28-Nov. 18...	3	.....
Saguache County.....	Nov. 26.....	1	.....
Total for the State		13	.....
Connecticut:				
Stamford	July 20.....	1	.....

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
District of Columbia :				
Washington	Oct. 25-Dec. 22...	14		
Florida :				
Jacksonville.....	July 1-Sept. 2...	7		
Gadsden County.....	July 1-July 31...	18		
Hillsboro County.....	April 10-July 10...	35		
Jackson County.....	July 1-July 31...	1		
Lake County.....	.....do.....	1		
Leon County.....	.....do.....	4		
Marion County.....	.....do.....	3		
Pasco County.....	.....do.....	5		
Total for the State.....		74		
Georgia :				
Brooks County.....	Aug. 5-Aug. 30...	2	1	
Coffee County.....	Oct. 25.....	1		
Montgomery County.....	July 15-Aug. 10...	31		
Savannah.....	June 3-July 27...	7		
Total for the State.....		41	1	
Idaho :				
Latah County.....	July 1-Oct. 26...	30		
Illinois :				
Cairo	Nov. 21-Dec. 23...	10		
Chicago.....	June 20-July 1...	3	0	
	Oct. 29-Dec. 12...	8	1	
Dixon.....	Oct. 1-Dec. 3...	125		
Total for the State		146	1	
Indiana :				
Allen County.....	Dec. 13.....	27		
Clark County.....	July 1-Sept. 30...	6		
Elkhart County.....	.....do.....	1		
Evansville.....	Dec. 12.....	1		
Harrison County.....	.....do.....	1		
La Grange County.....	.....do.....	10		
Lake County.....	.....do.....	1		
Marion County.....	.....do.....	6		
Porter County.....	.....do.....	30		
Total for the State		83		
Iowa :				
Alvord	Nov. 1-Nov. 30...			Smallpox reported.
Coalfield .....	.....do.....			Do.
Corning.....	.....do.....			Do.
Marathon.....	.....do.....			Do.
Northwood.....	.....do.....			Do.
Providence Township, Buena Vista County.....	.....do.....			Do.
Silver Lake Township, Lyon County.....	.....do.....			Do.
Sioux Rapids.....	.....do.....			Do.
Storm Lake.....	.....do.....			Do.
Kansas :				
Butler County.....	Oct. 2.....	5		
Crawford.....	Nov. 22.....	3	1	
Cowley County.....	Nov. 16-Dec. 2...	21	2	
Columbus.....	Nov. 26-Dec. 2...	1	0	
Kansas City	June 10-June 17...	2		
	Oct. 1-Oct. 8...	9	1	
Lawrence.....	Nov. 26-Dec. 2...	6	0	
Peoria.....	.....do.....	1	0	
Pittsburg.....	.....do.....	5	0	
St. Marys.....	.....do.....	2	1	
Wellington.....	.....do.....	2	0	
Total for the State		57	5	
Kentucky :				
Davis County.....	Nov. 30.....	10		Supposed.
Leslie County.....	Aug. 17.....	164		
Louisville.....	June 23-Sept. 23...	17	0	
	Nov. 10-Dec. 21...	2		
Owensboro.....	Nov. 30.....	2		Do.
Total for the State.....		135		

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Louisiana:				
Caddo.....	Dec. 3-Dec. 9...	1	.....
Concordia Parish.....	Oct. 11.....	1	.....
East Carroll.....	Dec. 3-Dec. 16...	26	.....
Iberia.....	Dec. 3-Dec. 9...	1	.....
New Orleans.....	June 17-Aug. 26...	14	0	
	Oct. 15-Nov. 25...	9	0	
	Nov. 19-Dec. 23...	39	.....
Shreveport.....	Oct. 15-Dec. 23...	9	0	
Total for the State.....		100	.....
Maryland:				
Baltimore.....	Dec. 13.....	1	0	In quarantine.
Lonaconing.....	.....do.....	1	.....
Total for the State.....		2	.....
Massachusetts:				
Boston.....	June 27-Sept. 2...	9	3	
	Dec. 16-Dec. 23...	5	.....
Chelsea.....	Sept. 28-Dec. 23...	30	4	
Everett.....	Aug. 7-Oct. 14...	5	2	
Fall River.....	June 27-Sept. 6...	2	.....
Lowell.....	Oct. 1-Oct. 7...	1	.....
	Dec. 17-Dec. 23...	2	.....
Melrose.....	Oct. 8-Oct. 14...	1	.....
Roxbury.....	Aug. 30.....	3	.....
Total for the State.....		58	9	
Michigan:				
Benton Harbor.....	Oct. 23.....	10	.....
Detroit.....	Dec. 3-Dec. 9...	5	.....
Grand Rapids.....	Oct. 22-Oct. 28...	1	.....
Saginaw County.....	Sept. 10-Oct. 7...	.....	.....	Smallpox reported.
Total for the State.....		16	.....
Minnesota:				
Albert Lea County.....	Sept. 29.....	30	.....
	Sept. 30-Oct. 14...	22	.....
Austin.....	July 15-Aug. 1...	1	0	
Duluth.....	.....do.....	1	0	
East Grand Forks.....	.....do.....	7	0	
Round Lake.....	Aug. 1-Aug. 31...	10	.....
Total for the State.....		71	.....
Mississippi:				
Natchez.....	July 7-Nov. 18...	22	0	
Pine Ridge.....	Aug. 16.....	8	.....
Total for the State.....		30	.....
Missouri:				
Barry County.....	April 6-July 20...	35	.....
Lawrence County.....	.....do.....	1	.....
Lincoln County.....	.....do.....	9	.....
Scott County.....	.....do.....	25	.....
Springfield, Green County.....	Sept. 28-Dec. 20...	323	4	
St. Francois County.....	April 6-July 20...	30	2	
Stoddard County.....	April 6-July 20...	35	.....
St. Louis.....	June 19-June 26...	4	.....
	Dec. 11-Dec. 17...	2	.....
Total for the State.....		464	6	
Montana:				
Butte.....	Sept. 30-Oct. 18...	2	1	
Great Falls.....	Sept. 18.....	6	.....
Total for the State.....		8	.....
New York:				
New York City.....	Oct. 15-Dec. 23...	13	1	
North Carolina:				
Bertie County.....	May 1-May 31...	4	.....
	July 1-July 31...	1	.....
Burke County.....	.....do.....	22	.....
Caldwell County.....	.....do.....	3	.....

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
North Carolina—Continued.				
Caswell County.....	July 1-July 31..	6		
Catawba County.....	do	1		
Charlotte.....	June 30.....	1		
Chowan County.....	May 1-May 31...	1		
Currituck County.....	May 1-May 31...	6		
	July 1-July 31...	2		
Forsyth County.....	do	2		
Gates County.....	May 1-May 31...			Smallpox reported.
	July 1-July 31...	12		
Halifax County.....	do	7		
Hertford County.....	May 1-May 31...	4		
	July 1-July 31...	2		
McDowell County.....	May 1-May 31...	1		
Moore County.....	do	1		
Nash County.....	do			Do.
Northampton.....	do	1		
Richmond County.....	July 1-July 31...	1		
Rockingham.....	May 1-May 31...	14		
Rowan.....	do	1		
	July 1-July 31...	1		
Wake.....	May 1-May 31...	4		
Wayne.....	do	7		
Total for the State.....		105		
Ohio:				
Adams Tp., Clinton Co.....	Oct. 1-Dec. 4...	1		
Addyston.....	do	1		
Akron.....	do	1		
Bloom Tp., Fairfield Co.....	do	7		
Bristol Tp., Trumbull Co.....	do	1		
Canton.....	do	1		
Cedarville.....	do	4		
Children's Home, Montgom-	do	25		
ery Co.....	do	11		
Cincinnati.....	do	43		
Cleveland.....	Dec. 17-Dec. 23...	1		
Concord Tp., Delaware Co.....	Oct. 1-Dec. 4...	12		
Columbus.....	do	1		
Danbury Tp., Ottawa Co.....	do	3		
Dayton.....	do	34	1	
Delaware.....	do	15		
Delaware Tp., Delaware Co..	do	1		
East Liverpool.....	do	1		
Findlay.....	do	1		
Glenville.....	do	1		
Greenfield Tp., Fairfield Co..	do	5	1	
Green Tp., Hamilton Co.....	do	1		
Hamilton.....	do	6	1	
Jamestown.....	do	2		
Lancaster.....	do	18		
Loveland.....	do	1		
Margarette Tp., Erie Co.....	do	4		
Newburgh.....	do	1		
New Carlisle.....	do	1		
New London Tp., Huron Co..	do	6		
Niles.....	do	14		
Prairie Tp., Franklin Co.....	do	1		
Radnour Tp., Delaware Co.....	do	3		
Rochester.....	do	1		
Springfield.....	do	12		
Sunbury.....	do	2		
Toledo.....	do	1		
Washington Tp., Hocking Co..	Oct. 1-Dec. 4...	1		
Xenia Tp., Greene Co.....	do	2		
Youngstown.....	do	1		
Total for the State (a).....		255	3	
Oregon:				
Astoria.....	Oct. 11.....	1		
Portland.....	June 13-July 19...	6	0	
Umatilla County.....	Sept. 7.....			Do.
Total for the State.....		7		

(a) This makes a total since the first outbreak of the disease—April 6, 1898, to December 4, 1899—of 2,347 cases and 34 deaths. Since January 1, 1899, 1,678 cases and 29 deaths have been reported.

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Pennsylvania:				
Allegheny County.....	June 3-Dec. 23...	41		
Belle Vernon.....	June 3-June 26...	1		
Brownsville Township.....	.....do	34		
Cambria County.....	June 3-Nov. 4...	28		
Fulton County.....	Sept. 27-Nov. 4...	10		
Indiana County.....	.....do	1		
Jefferson County.....	.....do	3		
Philadelphia.....	Oct. 22-Nov. 4...	10		
Somerset County.....	June 3-Aug. 5...	10		
Washington County.....	June 3-June 26...	11		
Westmoreland County.....	June 3-Nov. 4...	27		At Penn Station, several
Total for the State.....		176		
Porto Rico:				
Ponce.....	June 17-July 22...	6		
South Carolina:				
Greenville.....	Dec. 3-Dec. 23...	6		
Tennessee:				
Memphis.....	Sept. 23-Nov. 4...	6		
Nashville.....	Nov. 19-Dec. 23...	9		
Total for the State.....		15		
Texas:				
Beaumont.....	Aug. 2.....	8		Many cases reported.
Brazos County.....	Aug. 4-Aug. 18...			
Brenham, Wash'gton County..	.....do	1		
Candelaria.....	Sept. 29.....	1		
Canaigre.....	.....do	1		
Dallas.....	Aug. 4-Aug. 18...	1		
El Indio.....	Sept. 29.....	7		
Galveston.....	Oct. 20.....	1		
Presidio.....	July 28.....	40		
Palno.....	Sept. 29.....	2		
Pilares.....	.....do	15		
Ruidoso.....	.....do	4		
Sabine Pass.....	July 15.....	2		
San Antonio.....	Aug. 1-Aug. 31...	1	1	
	Nov. 1-Nov. 30...	1	1	
Shafter.....	July 28-Aug. 5...	25		
Taylor.....	Aug. 4-Aug. 18...	1		
Sixteen places.....	Aug. 5-Sept. 9...	79	4	
Total for the State.....		189	5	
Utah:				
Salt Lake City.....	Dec. 17-Dec. 23...	1		
Virginia:				
Alexandria.....	Oct. 20.....	1		
Bristol.....	Oct. 1-Oct. 13...	30		
Cape Charles.....	July 8.....	1		
Danville.....	June 14-July 6...	30	0	
Norfolk.....	June 22-Aug. 4...	19	1	
	Oct. 19-Nov. 8...	5		
	Dec. 18.....	1		
Portsmouth.....	June 22-Dec. 23...	74	14	
Richmond.....	Dec. 22.....	1	1	
Appomattox County.....	Sept. 1-Sept. 30...			Several cases.
Augusta County.....	July 1-July 31...	1		
Brunswick County.....	.....do	2		
Buckingham County.....	Sept. 1-Sept. 30...	2		
Charles City County.....	Aug. 1-Aug. 31...	8		
Dinwiddie County.....	Sept. 1-Sept. 30...	6		
Gloucester County.....	July 1-July 31...			Smallpox reported.
Goochland County.....	.....do			Do.
Greensville County.....	.....do			Do.
	Sept. 1-Sept. 30...	1		
Hanover County.....	Aug. 1-Aug. 31...	1		
Isle of Wight County.....	.....do	6		Do.
Mathews County.....	.....do	3		
Mecklenburg County.....	.....do			Do.
Norfolk County.....	.....do			Do.
Orange County.....	.....do	2		
Pittsylvania County.....	.....do			Smallpox prevalent.
Princess Anne County.....	July 1-July 31...	2		
Prince George County.....	Aug. 1-Aug. 31...	1		
Scott County.....	July 1-July 31...			Several cases.

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<i>Virginia—Continued.</i>				
Surry County.....	Aug. 1-Aug. 31...	9		
Sussex County.....	do.....	14		
	Sept. 1-Sept. 30...	3		
Wise County.....	Aug. 1-Aug. 31...	2		
	Sept. 1-Sept. 30...	7		
Total for the State.....		232	16	
<i>Washington:</i>				
Almira.....	July 3.....	9		
Orcas Island.....	Oct. 20-Nov. 14...	11	1	
Seattle.....	July 19-Nov. 4...	11		
Spokane.....	July 8-Aug. 19...	7		
Tacoma.....	July 23-Aug. 5...	2		
Walla Walla.....	June 29.....	8		
Total for the State.....		48	1	
<i>West Virginia:</i>				
Benwood.....	July 5.....	1	0	
Elkhorn, McDowell County...	Aug. 19.....	1		
Total for the State.....		2		

Report of immigrants inspected at the port of Havana, Cuba, during the month of November, 1899.

Total number of immigrants inspected, 2,504; number passed, 2,503; number certified for deportation on account of dangerous contagious or loathsome diseases, or for other physical causes, 1.

Disposition of immigrants certified for deportation.—Number deported, 1; number admitted, 2,503.

Respectfully,

G. M. GUITÉRAS,

Passed Assistant Surgeon, U. S. M. H. S.

Arrival of alien steerage passengers at Havana during the week ended December 16, 1899.

HAVANA, CUBA, December 16, 1899.

SIR: I herewith submit report of alien steerage passengers at this port during the week ended December 16, 1899:

Date.	Vessel.	Where from.	No. of immigrants.
Dec. 11	Steamship Seneca.....	Vera Cruz and Progreso.....	17
Dec. 13	Steamship Habana.....	New York.....	8
Dec. 15	Steamship La Navarre.....	Vera Cruz.....	6
Do....	Steamship Miguel Gallart.....	Barcelona, Valencia, Forrevieja, Malaga, Las Palmas, Sta. Cruz de Fenerif, Sta. Cruz de La Palma, Ponce, Mayagüez and Porto Rico, Santiago de Cuba, Guantanamo.	644
Dec. 16	Steamship Monserrat.....	Barcelona, Malaga, Cadiz, Las Palmas, and Porto Rico.	247
	Total.....		922

Respectfully,

G. M. GUITÉRAS,

Passed Assistant Surgeon, U. S. M. H. S.

Arrival of alien steerage passengers at Santiago during the weeks ended December 2 and December 9, 1899.

SANTIAGO DE CUBA, December 9, 1899.

SIR: I herewith submit report of alien steerage passengers at this port during the weeks ended December 2 and December 9, 1899.

Date.	Vessel.	Where from.	No. of immigrants.
Nov. 27	Provisional flag steamship Maria Herrera.	San Juan, Porto Rico.....	3
Dec. 2	American steamship Santiago.....	New York, N. Y.	2
Dec. 3	Haitian schooner Emmanuel and Raoul.	Port au Prince, Haiti.....	28
Dec. 6	Spanish steamship Miguel Gallart ...	Barcelona, Spain.....	7
	Total		40

HERMAN B. PARKER,
Assistant Surgeon, U. S. M. H. S.

Report of immigration at Boston for the week ended December 16, 1899.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Boston, December 17, 1899.

Number of alien immigrants who arrived at this port during the week ended December 16, 1899 ; also names of vessels and ports from which they came.

Date.	Vessel.	Where from.	No. of immigrants.
Dec. 10	Schooner Agatha	Jordan Bay, Nova Scotia	1
Do.....	Steamship Boston.....	Yarmouth, Nova Scotia.....	23
Do.....	Steamship Prince George.....	.....do.....	39
Do.....	Steamship Britannic.....	Louisburg, Cape Breton.....	
Dec. 11	Steamship Admiral Farragut.....	Port Morant, Jamaica.....	3
Dec. 14	Steamship Boston.....	Yarmouth, Nova Scotia.....	29
Do.....	Steamship Prince George.....	.....do.....	31
Do.....	Steamship Halifax.....	Halifax, Nova Scotia.....	43
Dec. 15	Steamship New England.....	Liverpool, England.....	194
	Total		363

GEORGE B. BILLINGS, Commissioner.

Report of immigration at New York for the week ended December 16, 1899.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of New York, December 18, 1899.

Number of alien immigrants who arrived at this port during the week ended December 16, 1899 ; also names of vessels and ports from which they came.

Date.	Vessel.	Where from.	No. of immigrants.
Dec. 10	Steamship St. Louis.....	Southampton.....	234
Do.....	Steamship La Gascogne	Havre.....	319
Dec. 11	Steamship Wordsworth.....	Rio de Janeiro.....	26
Dec. 12	Steamship Amsterdam	Rotterdam.....	353
Dec. 13	Steamship Southwark.....	Antwerp.....	517
Dec. 14	Steamship Kaiser Wilhelm II	Genoa and Naples.....	533
Dec. 16	Steamship State of Nebraska.....	Glasgow.....	150
Do.....	Steamship Stuttgart	Bremen.....	688
	Total		2,870

THOMAS FITCHIE, Commissioner.

REPORTS FROM NATIONAL QUARANTINE

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure
	UNITED STATES:				
1	Alexandria, Va.....	Dec. 23	.....	.....	.....
2	Brunswick, Ga.....	do.....	.....	.....	.....
3	Cape Charles, Va.....	do.....	.....	.....	.....
4	Cape Fear, N. C.....	do.....	.....	.....	.....
5	Columbia River, Oreg.....	Dec. 16	Br. ship Glenholm (a).....	Dec. 9	Panama
			Br. ship Edenballymore	Dec. 13	.....do.....
6	Delaware Breakwater Quarantine, Lewes, Del.	Dec. 23	.....	.....	.....
7	Eureka, Cal.....	Dec. 16	.....	.....	.....
8	Grays Harbor, Wash.....	do.....	.....	.....	.....
9	Gulf Quarantine, Ship Island, Miss.....	do.....	Br. bktn. C. W. Janes	Dec. 16	Santos.....
10	Newbern, N. C.....	Dec. 23	.....	.....	.....
11	Pascagoula, Miss.....	do.....	.....	.....	.....
12	Port Townsend, Wash.....	Dec. 16	Br. bk. Ravenscourt.....	Dec. 6	Panama
13	Reedy Island Quarantine, Del.....	Dec. 23	.....	.....	.....
14	San Diego, Cal.....	Dec. 16	Nor. str. Thyra	Dec. 10	Hongkong
			H. R. M. ss. Icarus	Dec. 12	Esquimalt, Brit- ish Columbia.
			Ger. ss. Tanis	do.....	Hamburg via South and Cen- tral American and Mexican ports.
			Am. sc. Freia.....	Dec. 13	Mexican coast.....
			Br. str. Carmarthanshire..	Dec. 16	Nagasaki, Yoko- hama, and Honolulu.
15	San Francisco, Cal.....	do.....	.....	.....	.....
16	San Pedro, Cal.....	do.....	.....	.....	.....
17	Savannah, Ga.....	do.....	Nor. bk. Norden (a).....	Nov. 27	Para
			Br. bktn. Albatross (a).....	Dec. 8	Havana
18	South Atlantic Quarant- ine, Blackbeard Island, Ga.....	Dec. 23	.....	.....	.....
19	Tortugas Quarantine, Key West, Fla.....	Dec. 16	.....	.....	.....
20	Washington, N. C.....	Dec. 23	.....	.....	.....
	CUBA:				
21	Caibarien.....	Dec. 16	.....	.....	.....
22	Cardenas.....	do.....	.....	.....	.....
23	Cienfuegos.....	do.....	.....	.....	.....
24	Daiquiri.....	Nov. 25	.....	.....	.....
		Dec. 2	.....	.....	.....
		Dec. 9	.....	.....	.....
25	Gibara.....	Nov. 18	.....	.....	.....
26	Guantanamo.....	Dec. 2	.....	.....	.....
		Dec. 9	.....	.....	.....
27	Havana	Dec. 16	.....	.....	.....
28	Isabela de Sagua.....	do.....	.....	.....	.....
29	Manzanillo.....	Dec. 2	.....	.....	.....
		Dec. 9	.....	.....	.....
30	Matanzas	Dec. 16	.....	.....	.....
31	Nuevitas.....	do.....	.....	.....	.....
32	Santiago de Cuba.....	Dec. 2	.....	.....	.....
		Dec. 9	.....	.....	.....
	PUERTO RICO:				
33	Ponce.....	Dec. 16	.....	.....	.....
34	San Juan.....	do.....	.....	.....	.....
	Subports—				
35	Aguadilla.....	Dec. 9	.....	.....	.....
36	Arecibo.....	do.....	.....	.....	.....
37	Arroyo.....	do.....	.....	.....	.....
38	Humacao.....	do.....	.....	.....	.....
39	Jobos.....	do.....	.....	.....	.....
40	Mayaguez.....	do.....	.....	.....	.....

a Previously reported.

AND INSPECTION STATIONS.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
1				No transactions.....	
2				No report	
3					4
4				No report.....	
5	Portland	Disinfected.....	Dec. 12	13 cases yellow fever and 6 deaths at Panama; 1 case at sea.	6
	do	Held for Bureau instructions.	Dec. 14	18 cases, 6 deaths yellow fever at Panama.	
6				No report.....	
7					1
8				No transactions.....	
9	Ship Island	Held for disinfection.....			
10				No transactions.....	
11					5
12	Tacoma	Discharging ballast.....		3 cases yellow fever early during voyage.	6
13					14
14	San Diego	Detained for thorough inspection.	Dec. 11	Baggage and bedding of steerage passengers disinfected.	2
	do	Spoken.....	Dec. 12	Supplied with copy of quarantine laws.	
	do	Boarded, inspected, and passed.	do		
	do	do	Dec. 13		
	do	do	Dec. 16		
15					13
16				No transactions.....	
17	Savannah	Disinfected.....	Dec. 10		7
	do	do	Dec. 12		
18				No report.....	
19				No transactions.....	
20				do	
21				No report.....	
22					16
23					4
24					2
					1
					1
25				No report.....	
26					4
					3
27					22
28				No transactions.....	
29					9
					11
30					6
31				1 cattle vessel discharged to clean at sea.	7
32					10
					16
33				No report.....	
34				do	
35				do	
36				do	
37				do	
38				do	
39				do	
40				do	

REPORTS FROM STATE AND

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
1	Anclote, Fla.....	Dec. 23			
2	Baltimore, Md.....	do.....			
3	Bangor, Me.....	do.....			
4	Boston, Mass.....	do.....			
5	Carrabelle, Fla.....	do.....			
6	Cedar Keys, Fla.....	do.....			
7	Charleston, S. C.....	do.....			
8	Charlotte Harbor, Fla.....	do.....			
9	Elizabeth River, Va.....	do.....	Bge. Thomas P. Sheldon.	Dec. 18	Boston.....
10	Galveston, Tex.....	Dec. 10			
11	Gardiner, Oreg.....	Dec. 16			
12	Key West, Fla.....	Dec. 23			
13	Los Angeles, Cal.....	Dec. 16			
14	Mayport, Fla.....	Dec. 23			
15	Mobile Bay, Ala.....	do.....			
16	New Bedford, Mass.....	do.....			
17	New Orleans, La.....	do.....			
18	Newport News, Va.....	do.....			
19	Newport, R. I.....	do.....			
20	New York, N. Y.....	do.....			
21	Pass Cavallo, Tex.....	do.....			
22	Pensacola, Fla.....	do.....			
23	Port Royal, S. C.....	do.....			
24	Providence, R. I.....	do.....			
25	Quintana, Tex.....	do.....			
26	St. Helena Entrance, S. C.....	do.....			
27	Tampa Bay, Fla.....	do.....			

MUNICIPAL QUARANTINE STATIONS.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
1	No report.....	.....
2	do.....	.....
3	do.....	.....
4	do.....	.....
5	do.....	.....
6	do.....	.....
7	do.....	.....
8	do.....	.....
9	Norfolk.....	Disinfected.....	Dec. 19	1 case smallpox sent to hospital; crew vaccinated.	.....
10	No report.....	10
11	do.....	.....
12	No transactions.....	.....
13
14	24
15
16	No report.....	.....
17	do.....	.....
18	do.....	.....
19	do.....	.....
20	do.....	.....
21	do.....	.....
22	do.....	.....
23	do.....	.....
24	do.....	.....
25	do.....	.....
26	do.....	.....
27	do.....	.....

Reports of States and yearly and monthly reports of cities of the United States.

MASSACHUSETTS—*Brockton*.—Month of November, 1899. Estimated population, 37,278. Total number of deaths, 31, including 6 from phthisis pulmonalis.

MICHIGAN.—Reports to the State board of health, Lansing, for the week ended December 16, 1899, from 67 observers, indicate that inflammation of kidney and diarrhea increased, and intermittent fever and erysipelas decreased in area of prevalence. Phthisis pulmonalis was reported present at 215, scarlet fever at 77, enteric fever at 65, measles at 43, diphtheria at 26, whooping cough at 20, smallpox at 4, and cerebro spinal meningitis at 2 places.

NEW HAMPSHIRE—*Manchester*.—Month of November, 1899. Estimated population, 60,000. Total number of deaths, 88, including diphtheria, 2; enteric fever, 3; measles, 1; whooping cough, 1, and 9 from phthisis pulmonalis.

NEW YORK.—Reports to the State board of health, Albany, for the month of October, 1899, from 156 localities having an aggregate estimated population of 7,110,000, show a total of 9,280 deaths, including diphtheria, 254; enteric fever, 202; measles, 24; scarlet fever, 36; whooping cough, 60, and 1,064 from phthisis pulmonalis.

Rochester.—Month of October, 1899. Estimated population, 180,000. Total number of deaths, 200, including diphtheria, 5; enteric fever, 5, and 22 from phthisis pulmonalis.

Month of November, 1899. Estimated population, 180,000. Total number of deaths, 154, including diphtheria, 6; enteric fever, 4, and 19 from phthisis pulmonalis.

OHIO.—Reports to the State board of health for the eight weeks ended October 28, 1899, from 86 localities having an aggregate estimated population of 2,417,215, show 85 deaths from diphtheria, 92 from enteric fever, 1 death from measles, 17 deaths from scarlet fever, and 12 from whooping cough.

Cleveland.—Month of November, 1899. Estimated population, 395,000. Total number of deaths, 385, including diphtheria, 17; enteric fever, 10; scarlet fever, 5; whooping cough, 1, and 7 from phthisis pulmonalis.

UTAH—*Salt Lake City*.—Month of November, 1899. Estimated population, 70,000. Total number of deaths, 38, including diphtheria, 1; enteric fever, 1; scarlet fever, 1, and 3 from phthisis pulmonalis.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Yellow fever.	Smallpox.	Varicell.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Amesbury, Mass.	Dec. 23.	9,798	0										
Amsterdam, N. Y.	Dec. 18.	17,336	0										
Ashtabula, Ohio.	Dec. 23.	8,338	0										
Atchison, Kans.	Dec. 16.	13,963	12							1			
Do.	Dec. 23.	13,963	1										
Baltimore, Md.	do.	434,439	168	14						3		14	
Baton Rouge, La.	Dec. 9.	10,478	7	4									
Do.	Dec. 16.	10,478	7										
Binghamton, N. Y.	Dec. 23.	35,005	15	1									
Boston, Mass.	do.	448,477	304	14						1	6	7	
Brockton, Mass.	Dec. 16.	27,294	9	1									
Buffalo, N. Y.	Dec. 7.	255,664	85	11						1	2	1	5
Do.	Dec. 14.	255,664	99	11						4		3	6
Butler, Pa.	Dec. 19.	8,734	1										
Do.	Dec. 12.	8,734	5								1		
Cairo, Ill.	Dec. 16.	10,324	3										
Do.	Dec. 23.	10,324	0										
Camden, N. J.	do.	58,313	21									1	
Charleston, S. C.	Dec. 16.	654,935	629	3						1			2
Chillicothe, Ohio.	do.	11,288	1	14									
Cincinnati, Ohio.	do.	296,908								3	1	4	
Concord, N. H.	Dec. 23.	17,044	4										
Dayton, Ohio.	do.	61,220	28										
Detroit, Mich.	Nov. 18.	205,876	91	7						2		2	3
Do.	Nov. 25.	205,876	93	6							2	3	
Do.	Dec. 2.	205,876	80	6						1		4	1
Do.	Dec. 9.	205,876	96	3								9	2
Dunkirk, N. Y.	Dec. 16.	9,416	4										
Elmira, N. Y.	Dec. 9.	29,708	12	3						1			
Do.	Dec. 16.	29,708	1										
Evansville, Ind.	Dec. 23.	60,756	13	2								1	
Everett, Mass.	Dec. 16.	11,068	5	1									
Fall River, Mass.	Dec. 23.	74,398	26	4							1		
Fitchburg, Mass.	Dec. 16.	22,037	8	1									
Holyoke, Mass.	Dec. 23.	35,637	14	3						1			
Lawrence, Mass.	Dec. 16.	44,654	16									3	
Los Angeles, Cal.	do.	50,395	31	7						2		2	
Louisville, Ky.	Dec. 21.	161,129	62	11								1	2
Lowell, Mass.	Dec. 23.	77,696	30	2									
Mahoney City, Pa.	do.	11,286	6										
Malden, Mass.	do.	23,031	12									1	
Massillon, Ohio.	Dec. 16.	10,092	0										
Medford, Mass.	Dec. 23.	11,079	5							2		1	
Melrose, Mass.	Dec. 16.	8,519	2										
Minneapolis, Minn.	do.	164,738	32	5						1		2	
Mobile, Ala.	Dec. 23.	31,076	14	2						1			
Nashville, Tenn.	do.	76,168	22	2								3	
New Bedford, Mass.	do.	40,733	17	3						1			
Newburyport, Mass.	Dec. 16.	13,947	4										
New Orleans, La.	do.	242,039	141	19						6	1	2	4
Newton, Mass.	Dec. 23.	24,379	13	1									
Norristown, Pa.	do.	19,791	4										
Omaha, Nebr.	Dec. 16.	140,452	25									1	
Oneonta, N. Y.	Dec. 23.	6,272	0										
Palmer, Mass.	do.	6,520	1										
Philadelphia, Pa.	do.	1,046,964	419	54						2	5	22	1
Pittston, Pa.	do.	10,302	4										
Portland, Me.	Dec. 16.	36,425	23	4								1	
Portsmouth, Va.	Dec. 23.	13,268	5			1							
San Jose, Cal.	Dec. 16.	18,060	6										
Santa Barbara, Cal.	do.	5,864	3										
Somerville, Mass.	Dec. 23.	40,152	18	3						1		3	
Steele ton, Pa.	do.	9,250	3										
Tacoma, Wash.	Dec. 16.	36,006	6										
Washington, D. C.	do.	230,392	114	15						5	1	4	2
Wheeling, W. Va.	do.	35,013	10										
Wichita, Kans.	Dec. 23.	23,853	5							1	1		
Wilmington, Del.	do.	61,431	22	2								2	
Winona, Minn.	Dec. 2.	18,208	1										
Do.	Dec. 9.	18,208	3										
Do.	Dec. 16.	18,208	3										

a Estimated population, 65,165—white, 28,870; colored, 36,295. b White, 6; colored, 23.

Table of temperature and rainfall, week ended December 18, 1899.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
Atlantic Coast:						
Eastport, Me.....	25	10	.....	.91	.13	.....
Portland, Me.....	26	10	.....	.77	.31	.....
Northfield, Vt.....	21	6	.....	.68	.26	.....
Boston, Mass.....	31	11	.....	.73	.25	.....
Vineyard Haven, Mass.....	38	4	.....	.73	.....	.13
Nantucket, Mass.....	36	6	.....	.98	.....	.43
Woods Hole, Mass.....	35	7	.....	.73	.....	.14
Block Island, R. I.....	36	7	.....	.77	.....	.09
New Haven, Conn.....	33	6	.....	.71	.....	.26
Albany, N. Y.....	28	9	.....	.63	.....	.05
New York, N. Y.....	35	8	.....	.70	.....	.56
Harrisburg, Pa.....	35	5	.....	.70	.....	.30
Philadelphia, Pa.....	36	9	.....	.58	.....	.17
New Brunswick, N. J.....	35	6	.....	.83	.....	.17
Atlantic City, N. J.....	37	6	.....	.87	.....	.49
Baltimore, Md.....	32	6	.....	.70	.....	.30
Washington, D. C.....	37	4	.....	.70	.....	.26
Lynchburg, Va.....	40	2	.....	.68	.23	.....
Cape Henry, Va.....	44	5	.....	.86	.....	.56
Norfolk, Va.....	43	7	.....	.84	.....	.44
Charlotte, N. C.....	44	2	.....	.92	.07	.....
Raleigh, N. C.....	44	3	.....	.70	.....	.35
Kittyhawk, N. C.....	47	7	.....	.91	.....	.39
Hatteras, N. C.....	48	7	.....	1.26	.13	.....
Wilmington, Del.....	49	3	.....	.66	.....	.34
Columbia, S. C.....	48	1	.....	.63	.06	.....
Charleston, S. C.....	52	3	.....	.77	.....	.42
Augusta, Ga.....	48	1	.....	.77	.....	.42
Savannah, Ga.....	53	1	.....	.74	.....	.55
Jacksonville, Fla.....	56	1	.....	.63	1.56	.....
Jupiter, Fla.....	68	3	.....	.51	.23	.....
Key West, Fla.....	70	5	.....	.35	.....	.34
Gulf States:						
Atlanta, Ga.....	45	0	.....	.91	.08	.....
Tampa, Fla.....	63	3	.....	.54	.66	.....
Pensacola, Fla.....	55	.....	1	.88	.....	.40
Mobile, Ala.....	53	.....	1	.98	.....	.86
Montgomery, Ala.....	50	.....	1	1.05	.67	.....
Vicksburg, Miss.....	51	.....	2	1.12	.....	.75
New Orleans, La.....	56	.....	2	.98	.....	.97
Shreveport, La.....	51	.....	1	1.05	.....	.63
Fort Smith, Ark.....	43	.....	.....	.70	.....	.....
Little Rock, Ark.....	45	.....	5	.94	.....	.70
Palestine, Tex.....	51	.....	2	.84	.....	.60
Galveston, Tex.....	58	.....	1	.91	.....	.85
San Antonio, Tex.....	56	0	.....	.42	.....	.36
Corpus Christi, Tex.....	59	.....	1	.22	.....	.20
Ohio Valley and Tennessee:						
Memphis, Tenn.....	44	.....	4	.85	.....	.66
Nashville, Tenn.....	42	.....	1	.80	.....	.36
Chattanooga, Tenn.....	43	0	.....	.91	.90	.....
Knoxville, Tenn.....	40	.....	.....	.91	.....	.....
Louisville, Ky.....	39	.....	2	.91	.36	.....
Indianapolis, Ind.....	33	.....	3	.70	.53	.....
Cincinnati, Ohio.....	37	.....	2	.70	.11	.....
Columbus, Ohio.....	34	.....	1	.63	.48	.....
Parkersburg, W. Va.....	38	1	.....	.76	.56	.....
Pittsburg, Pa.....	35	4	.....	.63	.79	.....
Lake Region:						
Oswego, N. Y.....	29	6	.....	.77	1.15	.....
Rochester, N. Y.....	29	6	.....	.63	.49	.....
Buffalo, N. Y.....	30	5	.....	.77	.82	.....
Erie, Pa.....	32	4	.....	.71	1.02	.....
Cleveland, Ohio.....	31	2	.....	.60	.12	.....
Sandusky, Ohio.....	33	.....	2	.56	.13	.....
Toledo, Ohio.....	31	.....	1	.56	.59	.....
Detroit, Mich.....	30	0	.....	.56	.83	.....
Lansing, Mich.....	28	0	.....	.42	.38	.....
Port Huron, Mich.....	27	2	.....	.53	1.39	.....
Alpena, Mich.....	24	2	.....	.56	.65	.....
Sault Ste. Marie, Mich.....	24	.....	3	.49	.77	.....
Marquette, Mich.....	23	.....	1	.56	2.00	.....
Green Bay, Wis.....	26	.....	3	.58	.48	.....
Grand Haven, Mich.....	29	0	.....	.60	.40	.....
Milwaukee, Wis.....	26	1	.....	.42	.53	.....
Chicago, Ill.....	30	.....	3	.56	.40	.....
Duluth, Minn.....	19	0	.....	.29	.11	.....

a The figures in these columns represent the average daily departure.

Table of temperature and rainfall, week ended December 18, 1899—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
Upper Mississippi Valley:						
St. Paul, Minn.....	20		0	.31		.28
La Crosse, Wis.....	24		6	.35	1.19	
Dubuque, Iowa.....	26		4	.42	.64	
Davenport, Iowa.....	28		4	.42	.85	
Des Moines, Iowa.....	28		7	.35	.08	
Keokuk, Iowa.....	30		5	.42	.68	
Springfield, Ill.....	33		5	.63	.29	
Cairo, Ill.....	40		3	.71	.28	
St. Louis, Mo.....	37		5	.64	.02	
Missouri Valley:						
Columbia, Mo.....	39		16	.43	.50	
Springfield, Mo.....	41		12	.63		.15
Kansas City, Mo.....	33		6	.35	.17	
Topeka, Kans.....	35		9	.21		.11
Wichita, Kans.....	40		12	.21	.19	
Concordia, Kans.....	35		11	.07		.07
Lincoln, Nebr.....	31		11	.14	.01	
Omaha, Nebr.....	28		7	.21		.21
Sioux City, Iowa.....	31		12	.28		.28
Yankton, S. Dak.....	25		6	.21		.21
Valentine, Nebr.....	31		22	.07	.04	
Huron, S. Dak.....	22		13	.14		.13
Pierre, S. Dak.....	28		18	.07		.02
Moorhead, Minn.....	13		8	.14	.20	
Bismarck, N. Dak.....	18		15	.14	.06	
Williston, N. Dak.....	16		18	.17	.20	
Rocky Mountain Region:						
Havre, Mont.....	27		21	.14	.52	
Helena, Mont.....	29		17	.21		.05
Miles City, Mont.....	19		13	.07	.16	
Rapid City, S. Dak.....	34		25	.03	.36	
Spokane, Wash.....	32		4	.57	.05	
Walla Walla, Wash.....	40		7	.49	.39	
Baker City, Oreg.....	27		4	.42		.17
Winnemucca, Nev.....	31		3	.35		.15
Boise, Idaho.....	35		1	.42		.22
Salt Lake City, Utah.....	33		2	.42		.23
Lander, Wyo.....	23		6	.07		.07
Cheyenne, Wyo.....	30		6	.07		.06
North Platte, Nebr.....	29		7	.14		.14
Denver, Colo.....	34		9	.18		.02
Pueblo, Colo.....	33		10	.14	.90	
Dodge City, Kans.....	34		9	.15	.31	
Oklahoma, Okla.....	42		5	.63		.63
Amarillo, Tex.....	36		0	.21		.21
Abilene, Tex.....	48		2	.35		.35
Santa Fe, N. Mex.....	31		0	.21		.21
El Paso, Tex.....	45	2		.14		.14
Phoenix, Ariz.....	53		3	.26		.26
Pacific Coast:						
Seattle, Wash.....	42		1	1.26		.86
Tacoma, Wash.....	41		1	1.73		1.22
Fort Canby, Wash.....	44			2.24		
Portland, Oreg.....	41		1	1.80		.66
Roseburg, Oreg.....	42		0	1.50	1.18	
Eureka, Cal.....	49			1.89		
Redbluff, Cal.....	47		1	1.25	.95	
Carson City, Nev.....	35		5	.49	.54	
Sacramento, Cal.....	46	1		.96	.52	
San Francisco, Cal.....	51		0	1.14	.48	
Fresno, Cal.....	46	3		.35	.21	
San Luis Obispo, Cal.....	53		1	1.05	2.35	
Los Angeles, Cal.....	56		2	.99		.15
San Diego, Cal.....	56		0	.55		.01
Yuma, Ariz.....	57		3	.09		.09

a The figures in these columns represent the average daily departure.

FOREIGN.

[Reports received from United States consuls through the Department of State and from other sources.]

Cholera, yellow fever, plague, and smallpox as reported to the Surgeon-General United States Marine-Hospital Service, June 30, 1899, to December 29, 1899.

[For reports received from January 1 to June 30, 1899, see PUBLIC HEALTH REPORTS for June 30.]

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
Arabia:				
Matrah.....	Sept. 25-Oct. 11...	11	135	
India:				
Bombay.....	June 6-Nov. 21.....	21	23	
Calcutta.....	May 13-Nov. 4.....	4	319	
Kurrachee.....	Oct. 1-Oct. 21.....	21	18	
Madras.....	May 20-Sept. 1.....	1	10	
Japan:				
Fukuoka Ken.....	July 26-Aug. 20.....	20	1	
Kanagawa Ken.....	.....do.....	3	3	
Miye Ken.....	.....do.....	1	1	
Osaka and Higo	June 10-Aug. 26.....	26	4	3
Tokyo Fu.....	July 26-Aug. 31.....	31	7	3
Yokohama.....	July 16-Aug. 26.....	26	3	3
	Oct. 8-Oct.	1	1	
Persia:				
Mohamera	Nov. 9.....	7		
Straits Settlements:				
Singapore.....	Aug. 1-Aug. 31.....	31	1	
	Oct. 8-Oct. 28.....	28	11	
Turkey:				
Amara	Nov. 9.....			Cholera reported.
Bassorah.....	Oct. 16-Oct. 22.....	22	25	
Fao.....	Nov. 17.....			Do.
Kaurna.....	Nov. 9.....			Do.
Nassirich.....	.....do.....			Do.
Shatra	Nov. 18.....			Do.
Shoon.....	Nov. 9.....			Do.
Sookelshooyookh.....	.....do.....			Do.

YELLOW FEVER.

Argentina:				
Buenos Ayres.....	Apr. 1-Apr. 30.....	30	4	
	June 1-June 30.....	30	8	
	Aug. 1-Aug. 31.....	31	1	
Brazil:				
Bahia.....	June 3-Aug. 12.....	12	177	85
	Oct. 15-Oct. 21.....	21	1	1
Para	June 1-June 30.....	30		19
Rio de Janeiro.....	May 19-Nov. 3.....	3		100
St. Felix.....	June 7.....			
Colombia:				
Barranquilla.....	June 10-June 24.....	24	2	2
	Aug. 6-Sept. 16.....	16	2	2
	Oct. 22-Nov. 18.....	18	2	2
Cartagena.....	Aug. 30-Sept. 9.....	9	2	1
Colon.....	Aug. 28-Sept. 3.....	3	1	1
Panama.....	June 16-Aug. 8.....	8	88	45
	Aug. 15-Sept. 19.....	19	27	9
	Nov. 30-Dec. 19.....	19	17	7
Costa Rica:				
Alajuela.....	Aug. 4-Sept. 24.....	24	60	21
Heredia.....	.....do.....		1	
Port Limon.....	Aug. 18-Aug. 29.....	29	2	1
Punta Arenas.....	Aug. 4.....			
Cuba:				
Cienfuegos	July 23-July 29.....	29	1	1
Cristo	Aug. 13-Aug. 14.....	14	1	
Dalquiri.....	Aug. 27-Sept. 2.....	2	1	
Guantanamo.....	Oct. 13.....		1	

Reported present.

Yellow fever reported.

Doubtful. On the ss. Euskaro at sea.

On ss. Flandria.

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Cuba—Continued.				
Havana	June 15-Sept. 30...	95	38	
	Oct. 1-Nov. 4...	82	25	
	Nov. 5-Dec. 16...	59	29	
Manzanillo	July 2-Oct. 7...	11	2	
Matanzas	June 17-July 27...	2	1	One doubtful.
	Aug. 6-Aug. 12...	1	1	
	Oct. 3.....	1	1	
	Dec. 2.....	1	1	
Nuevitas	Sept. 10-Sept. 16...	1	1	
	Nov. 14.....	1	1	
Puerto Principe	To Aug. 9.....	39	13	On transport Ingalls.
	Nov. 18.....	1	1	
Santa Clara	Oct. 27.....	1	1	
Santiago	June 10-Nov. 18...	228	50	
	Dec. 3-Dec. 9...	2	2	
Sancti Spiritu	Aug. 24.....	2	2	
Curacao	Oct. 8-Oct. 14...	1	1	
Mexico:				
Amealco .....	.....do.....	.....	.....	Yellow fever reported.
Chilpanzingo	Sept. 14.....	.....	.....	Yellow fever prevalent.
Cinchaapa	Aug. 23.....	.....	.....	Yellow fever reported.
Cordoba	June 21.....	23	14	
	May 1-Aug. 26...	.....	133	
Cosamaloapam	Aug. 21.....	1	1	
Hidalgo	Aug. 23.....	.....	.....	Do.
Jalapa	Aug. 9.....	.....	5	
Juchitan	Aug. 23.....	.....	.....	Do.
Merida	July 1.....	1	1	
Orizaba	May 1-July 24...	.....	11	
	Aug. 29-Sept. 30...	.....	66	
	Oct. 1-Nov. 8...	.....	36	
Progreso	July 25.....	2	1	Do.
San Geronimo	Aug. 23.....	.....	.....
San Juan la Junta	Aug. 24.....	.....	.....	Do.
San Lorenzo .....	.....do.....	.....	.....	Do.
Tampico	July 1-July 7...	1	1	
	Sept. 16-Sept. 20...	4	1	
	Oct. 2.....	7	.....
Tapona	Aug. 23.....	.....	.....	Do.
Tuxpan	July 30-Nov. 6...	.....	69	
Vera Cruz	June 15-Nov. 24...	.....	245	
	Dec. 8-Dec. 21...	.....	5	
Victoria	Oct. 6.....	.....	.....	Do.
Nicaragua:				
Bluefields	Sept. 23-Sept. 30...	.....	a1	
San Salvador:				
San Salvador	June 30-Aug. 1...	3	1	
	Sept. 1.....	.....	.....	Do.

PLAGUE.

Arabia:				
Djiddah	June 30.....	.....	.....	Plague reported.
Austria:				
Trieste	Nov. 4.....	1	1	
Brazil:				
Santos	Oct. 18-Nov. 18...	28	11	
Sao Paulo	Oct. 29-Nov. 17...	2	.....
China:				
Amoy	July 1-Aug. ....	.....	540	
Hongkong	Apr. 11-Oct. 28...	1,640	1,582	
	Nov. 29-Dec. 4...	1	1	
Fuchau	Aug. 6-Aug. 26...	.....	.....	Do.
Niuchwang	Aug. 18.....	.....	.....	Do.
Yingkou .....	.....do.....	.....	.....	Do.
Egypt:				
Alexandria	May 4-Sept. 30...	93	44	
	Nov. 9.....	1	.....
England:				
Plymouth	Oct. 9.....	1	.....	On steamship Península.
French Ivory Coast Colony:				
Grand Bassam	June 7.....	200	.....
India:				
Bengal	Oct. 2-Oct. 15...	.....	74	
Bombay, Presidency of	Sept. 10-Sept. 23...	.....	8,659	

a This is an error due to a misunderstanding of the consul's report.

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

PLAGUE—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
India—Continued.				
Bombay, Presidency of—Cont.				
Ahmedabad District	Oct. 16-Nov. 18...	19	19	TOTALS TO AUGUST 11, 1899 (a).
Ahmednugger District	Aug. 5-Aug. 11...	45	31	Total, 1,273 cases; 956 deaths.
.....	Oct. 9-Nov. 18...	766	11	
Akalkot State	Oct. 2-Nov. 18...	11	17	Total, 1,951 cases; 1,383 deaths.
Aundh State	Aug. 5-Aug. 11...	26	518	
.....	Oct. 2-Nov. 18...	750	598	Total, 29,300 cases; 22,042 d'ths.
Belgaum District	Aug. 5-Aug. 11...	3,105	19	Total, 8,005 cases; 5,982 deaths.
.....	Oct. 2-Nov. 18...	29	35	
Baroda Territory	Aug. 5-Aug. 11...	29	149	
.....	Oct. 2-Oct. 29...	98	82	Total, 2,626 cases; 2,130 deaths.
Bhor State	Aug. 5-Aug. 11...	1,032	27	Total, 1,530 cases; 1,146 deaths.
Bijapore District	Oct. 2-Nov. 18...	37	17	Total, 10,477 cases; 8,634 d'ths.
.....	Aug. 5-Aug. 11...	29	31	
Broach District	Oct. 2-Nov. 18...	143	95	Total, 38,754 cases; 31,307 d'ths.
.....	Aug. 5-Aug. 11...	2,710	437	
Dharwar District	Oct. 2-Nov. 18...	0	1	Total, 413 cases; 269 deaths.
Hyderabad District	Oct. 1-Nov. 18...	13	13	
Janjira State	Aug. 5-Aug. 11...	58	46	Total, 2,069 cases; 1,578 deaths.
.....	Oct. 2-Oct. 29...	38	11	Total, 433 cases; 311 deaths.
Kaira District	Aug. 5-Aug. 11...	11	88	Total, 1,000 cases; 810 deaths.
.....	Oct. 2-Nov. 18...	1	0	Total, 2,913 cases; 2,480 deaths.
Kathiawar State	Aug. 5-Aug. 11...	7	9	
Kanara District	Oct. 2-Oct. 29...	15	21	Total, 19,185 cases; 14,408 d'ths.
.....	Aug. 5-Aug. 11...	624	500	Total, 10,684 cases; 8,379 d'ths.
Khandesh District	Oct. 2-Nov. 18...	1	18	Total, 6,573 cases; 5,084 deaths.
.....	Aug. 5-Aug. 11...	470	361	Total, 20,162 cases; 15,480 d'ths.
Kolaba District	Oct. 2-Nov. 18...	1,992	1,150	Total, 442 cases; 341 deaths.
.....	Aug. 5-Aug. 11...	1,400	3,202	Total, 742 cases; 618 deaths.
Kolhapore and Southern Maharata Country.	Oct. 16-Nov. 18...	25	15	Total, 27,087 cases; 21,211 d'ths.
.....	Aug. 5-Aug. 11...	18	89	Total, 62 cases; 38 deaths.
Kurrachee	Oct. 2-Nov. 18...	228	3,070	Total, 4,912 cases; 3,960 deaths.
.....	Aug. 5-Aug. 11...	1	1	Total, 7,947 cases; 5,842 deaths.
Nasik District	Oct. 2-Nov. 18...	192	494	Total, 12,366 cases; 9,794 d'ths.
.....	Aug. 5-Aug. 11...	29	40	
Poona District	Oct. 2-Nov. 18...	61	345	
.....	Aug. 5-Aug. 11...	108	86	Grand total, 220,907 cases; 164,083 deaths.
Poona City	Oct. 2-Nov. 18...	209		
Rewa Kantha	Aug. 5-Aug. 11...		1,743	
Rutnagherry District	Oct. 2-Nov. 18...		738	
.....	Aug. 5-Aug. 11...		190	
Satara District	Oct. 2-Nov. 18...		1,546	
.....	Aug. 5-Aug. 11...		43	
Savanur State	Oct. 2-Nov. 18...		77	
.....	Aug. 5-Aug. 11...		957	
Sholapore District	Oct. 2-Nov. 18...		13	
.....	Aug. 5-Aug. 11...			
Surat District	Oct. 2-Nov. 18...			
.....	Aug. 5-Aug. 11...			
Thana District	Oct. 2-Nov. 18...			
.....	Aug. 5-Aug. 11...			
Bombay City	May 27-Nov. 18...		1,743	
Calcutta	May 13-Nov. 18...		738	
Central Provinces	Oct. 9-Nov. 18...		190	
Hyderabad State	Oct. 2-Nov. 18...		1,546	
Kurrachee City	Aug. 6-Nov. 18...		43	
Madras Presidency	Oct. 2-Nov. 18...		77	
Mysore State .....	.....do.....		957	
Punjab	Oct. 16-Nov. 18...		13	
Japan:				
Kanagawa Ken	July 1-July 10...	2	1	Plague reported epidemic.
Kobe	Nov. 7-Nov. 30...	11	10	
Oosaka and Hiogo	Nov. 5-Nov. 18...	4	3	
Nagasaki Ken	Nov. 15.....	2	6	
Taiwan, Formosa .....	.....do.....	14	1,236	Total since outbreak, 2,468 cases, 1,866 deaths.
Tamsui, Formosa	Apr. 1-July 26...	1,550	19	
.....	Aug. 1-Sept. 30...			
Lorenzo Marquez:				
Lorenzo Marquez	Nov. 4.....	3		Plague reported.
Magude	Sept. 22.....			

a Extract from Indian Times sent by United States consul.

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

PLAGUE—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Madagascar:				
Tamatave.....	Sept. 10-Nov. 12...	36	25	
Mauritius.....	May 4-May 31...	1	5	
	July 14-July 20...	30	29	
	Aug. 10-Aug. 28...	68	42	
Mozambique.....	Aug. 23.....			Plague reported.
Paraguay:				
Asuncion.....	Sept. 24-Oct. 8...		5	Do.
Persia:				
Bushire.....	June 8.....			Do.
	May 26-June 18...		40	
Portugal:				
Leixoes.....	Oct. 30.....			Do.
Lisbon.....	Aug. 16.....			Do.
Do.....	Nov. 12.....	1	1	
Masan.....	Dec. 25.....			Do.
Oporto.....	Aug. 16-Oct. 31...	223	77	
	Nov. 1-Nov. 20...	41	17	
Réunion (Isle de).....	July 24.....	1	1	Do.
Russia:				
Kolobovka, Astrakhan.....	Aug. 1-Aug. 10...		21	
St. Petersburg.....	July 23-July 29...	1		
	Aug. 6-Aug. 12...	1		
Straits Settlements:				
Penang.....	Jan. 4-July 21...	49	39	
Singapore.....	May 27-June 17...	0	3	
Turkey:				
Kassarah.....	June 19.....	1	1	

SMALLPOX.

Arabia:				
Aden.....	May 1-May 31...		1	
Argentina:				
Bueno Ayres.....	Apr. 1-Aug. 31...		6	
Austria:				
Budapest.....	June 16-June 24...	2		
	July 31-Aug. 6...	1		
Belgium:				
Antwerp.....	June 10-Dec. 2...	51	23	
Ghent.....	June 23-July 1...		1	
	Nov. 5-Nov. 11...		2	
Bohemia:				
Prague.....	Aug. 27-Nov. 25...	55		
Brazil:				
Bahia.....	June 2-Sept. 16...	5		
Ceara.....	Oct. 1-Oct. 31...		1	
Rio de Janeiro.....	May 19-Nov. 3...	1,664	916	
Canary Islands:				
Santa Cruz de Teneriffe.....	Sept. 17-Sept. 23...		2	
China:				
Fuchau.....	Sept. 16.....			Smallpox reported always prevalent.
Hongkong.....	May 6-June 10...	2	1	
	Oct. 28-Nov. 4...	1	1	
Colombia:				
Baranquilla.....	July 12-July 24...	2		
Panama.....	Nov. 27-Dec. 2...	5		
	July 26-Aug. 1...	1	1	
Cuba:				
Casilda.....	Aug. 1-Aug. 31...		1	
Havana.....	June 30-July 6...	5	1	
Sancti Spiritu.....	June 7.....			Reported present.
Santiago.....	July 1-July 8...	1		
Egypt:				
Alexandria.....	Aug. 20-Aug. 26...		1	
Cairo.....	May 20-Nov. 4...		31	
England:				
Bradford.....	Oct. 30-Nov. 25...	3		
Hull.....	Mar. 1-Dec. 5...	700	105	
Liverpool.....	June 10-June 17...		1	
London.....	June 10-Aug. 5...	5	1	
	Nov. 12-Dec. 9...	4		
France:				
Nantes.....	June 1-June 30...	1		
Marseilles.....	June 25-July 2...	1		
	Oct. 1-Nov. 30...	530	109	
Paris.....	July 2-July 8...		1	

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Germany:				
Dusseldorf	Sept. 3-Sept. 9...	.....	1	
Gibraltar	June 4-June 21...	1	.....
	Oct. 23-Nov. 5...	2	.....
Greece:				
Athens	June 10-Dec. 2...	191	47	
India:				
Bombay	May 27-Nov. 21...	.....	159	
Calcutta	May 13-June 10...	.....	2	
Ceylon	Nov. 5-Nov. 11...	1	1	
Madras	May 20-Nov. 10...	.....	16	
Italy:				
Messina	Oct. 29-Nov. 4...	.....	1	
Japan:				
Osaka and Higo	Nov. 12-Nov. 18...	1	.....
Tamsui, Formosa	Apr. 1-Aug. 31...	246	.....
Madagascar:				
Tamatave	Sept. 10-Sept. 16...	.....	.....	Smallpox reported.
Mexico:				
C. P. Diaz	Nov. 1-Dec. 10...	1	1	
Chihuahua	July 16-Dec. 16...	.....	79	
City of Mexico	June 4-Nov. 19...	122	75	
Cuchio	Sept. 29	25	.....
Monclova	Nov. 1-Dec. 10...	6	1	
Mulette	Sept. 29	12	.....
Nuevo Laredo	July 1-Aug. 26...	.....	3	
Ojenesa	Sept. 29	50	.....
Pilares .....	.....do	15	.....
Progreso	Oct. 7-Dec. 10...	50	.....
Sabinas	Nov. 1-Dec. 10...	17	3	
San Antonio	Sept. 29	20	.....
San Felipe	Oct. 7-Dec. 10...	122	18	
San Francisco	Sept. 29	5	.....
San Juan	Oct. 7-Dec. 10...	107	.....
Suarez	Oct. 7	40	.....
Tuxpam	Oct. 24-Oct. 30...	.....	8	
Vado de Piedras	Sept. 29	20	.....
Vera Cruz	Nov. 3-Dec. 21...	.....	10	
Netherlands:				
Rotterdam	July 15-July 22...	1	.....
Ontario:				
Essex County	Oct. 30-Dec. 16...	182	0	
Kent County	Nov. 26-Dec. 16...	2	0	
Quebec:				
Kamouraska County	Aug. 21-Dec. 20...	236	0	
Matane	Dec. 16-Dec. 20...	2	0	
Russia:				
Khabarovsk	Apr. 1-Apr. 30...	1	.....
Moscow	May 27-Nov. 18...	119	59	
Odessa	June 10-Dec. 2...	61	16	
Riga	June 1-June 30...	.....	22	
	Sept. 30 .....	.....	11	
St. Petersburg	June 3-Dec. 2...	182	48	
Warsaw	June 3-Nov. 25...	.....	56	
Scotland:				
Glasgow	June 3-June 17...	1	1	
Spain:				
Barcelona	Aug. 1-Aug. 31...	.....	15	
Corunna	Nov. 19-Dec. 9...	6	3	
Valencia	Aug. 16-Sept. 15...	5	1	
Straits Settlements:				
Singapore	Apr. 1-Oct. 28...	.....	95	
Turkey:				
Beirut	June 27-July 1...	1	.....
Constantinople	Oct. 31-Nov. 6...	1	.....
Erzeroum	July 8-Oct. 14...	21	1	
Smyrna	May 27-Dec. 3...	.....	15	
Uruguay:				
Montevideo	May 27-Oct. 7...	4	.....

Current quarantine measures.

[Translated in this Bureau from the "Veröffentlichungen des Kaiserlichen Gesundheitsamtes," Berlin, November 22, 1899.]

PLAGUE.

GERMAN EMPIRE.—By circular letter of November 20, 1899, the imperial chancellor instructs the governments of the confederated maritime states to hold arrivals from the Mediterranean ports of the north coast of Africa, and from the ports of Lorenzo Marques, Mozambique, Madagascar, and the Masparene Island group (Mauritius, Réunion), subject to sanitary police control, as a preventive measure against the importation of plague.

BELGIUM.—The conditions of articles 1 to 4, of the royal order of April 5, 1897, in regard to measures for protection against the importation of bubonic plague into Belgium are, by direction of the minister of agriculture, dated November 27, 1899, put in force against arrivals from the plague-infected territories of Paraguay, Madagascar, and Mozambique. Such arrivals shall be treated at the quarantine stations of the Scheld at the ports of Ostend and Newport, and at Salzache according to the requirements of Chapters I, III, and IV, of the Venetian International Convention of March 19, 1899.

SPAIN.—By royal order of November 16, 1899, strict quarantine is imposed against vessels which left Kobe, Japan, on or after October 31, 1899. Ports within 165 km. of Kobe are declared suspect.

BULGARIA.—Under date of November 13, 1899, the Government removed quarantine against ports of the Red Sea, and declared the city of Santos in Brazil infected. On November 16 it declared the city of Algiers and the city of Trieste plague suspect from November 9.

GREECE.—Quarantine against Trieste was suspended, November 21, 1899.

EGYPT.—The standing commission of the international council of health resolved, November 15, to apply the plague regulations to arrivals from Tamatave and Antsirane, in Madagascar.

STRAITS SETTLEMENTS.—According to advices of October 24, 1899, quarantine against Hongkong is suspended.

JAPAN.—By proclamation of the minister of the interior, Niuchwang, in China, is declared plague infected. Vessels arriving thence, either directly or indirectly, are subject, after October 12, to sanitary police inspection at the ports of Yokohama, Kobe, Nagasaki, Kuchinotsu, Isugahara, Yokkaichi, and Taketoyo; and when the sanitary officials judge disinfection to be necessary, they shall be discharged to repair to the nearest quarantine station.

ARGENTINA.—As the result of a conference between the sanitary officials of Argentina and Uruguay, the port of Santos has been declared infected and other Brazilian ports suspect, and quarantine measures are declared in force against arrivals from Brazilian ports.

CHOLERA.

BULGARIA.—On November 16 the Government declared the vilayet of Bagdad to be cholera infected from November 4.

SMALLPOX.

DENMARK.—By proclamation of November 21 the Government, on account of the prevalence of chicken pox in Hull, declared sanitary police inspection in force against arrivals from Hull.

CHINA.

Further concerning plague in Ninchwang.

PEKING, CHINA, November 2, 1899.

SIR: Referring to my dispatch No. 266, dated October 10 last, in reference to the plague at Niuchwang, I have the honor to report that while the danger may not be entirely over, the disease is believed to be abating, and that the measures taken by the taotai, in cooperation with the foreign consuls, towards improvement in sanitary conditions, care of sick, disposition of the dead, and disinfection of infected houses, ought, in the course of the winter, to entirely stamp out the disease and very materially lessen the chances of another epidemic in the spring.

A copy of "The memorandum of agreement between the consuls and taotai," showing in detail what is being done by the sanitary board, is inclosed herewith.

It is also reported that the sum of 30,000 taels has been placed at the disposition of the board. Of this amount, 10,000 taels were granted by the Chinese Government; 16,000 taels were subscribed by the Chinese Eastern Railway, and the balance by the foreign residents there.

Respectfully,
Hon. SECRETARY OF STATE.

E. H. CONGER.

[Inclosure—In dispatch No. 270.]

Memorandum of agreement between the consuls and the taotai.

NIUCHWANG, CHINA, October 6, 1899.

1. The consular body have appointed a sanitary board to stamp out the plague.
2. The town must be treated as a whole, not separately. A large sum will be contributed by consuls and others for the purpose, and the grant of 10,000 taels mentioned by the yamen should be forthwith handed over to the sanitary board.
3. Streets and drains must be cleaned.
4. Exports of coffins by river or land must be prohibited. They must be buried together in an efficient manner in a remote place outside the wall, and coffins now inefficiently buried must be reburied. Graves should now be dug for facility of burial in winter, and soldiers might be employed for the purpose.
5. Japanese doctors will be employed and take charge of city wards. Hospitals for Chinese and foreigners with Chinese and foreign medical staff shall be created outside the walls. Medicine and food shall be provided, and coffins for the poor.
6. Plague patients shall be taken to the hospital, if willing, but otherwise shall not be moved from their houses. Infected houses shall be disinfected, and compensation made to the poor.
7. As plague is most infectious and deadly, and only the above measures will root it out.
8. The above shall be notified to the people by a proclamation to be issued by the taotai, and soldiers shall be stationed at the gates of the town to prevent coffins being secretly carried out or brought into the town, and to prevent burials inside the walls.

Reports from Hongkong.

HONGKONG, November 15, 1899.

SIR: I have the honor to transmit herewith my weekly report of vessels inspected at Hongkong, and to respectfully state that there were no cases of plague during the week ended November 11, 1899, and that 1 death from smallpox has been reported.

Respectfully,

J. C. PERRY,

Passed Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

[Inclosure.]

Report of vessels inspected at Hongkong, China, for week ended November 11, 1899.

Date.	Name of vessel.	Destination.	Number of crew.	Number of cabin passengers.	Number of steerage passengers.	Number rejected.
Nov. 7	Br. ss. Yuen Sang.....	Manila, P. I.....	68	12	145	5
Nov. 10	Br. ss. Diamante.....	do	85	50	25	0
Nov. 11	U. S. bk. May Flint.....	Port Townsend, Wash.	30	0	0	0

HONGKONG, November 21, 1899.

SIR: I have the honor to transmit herewith weekly report of inspection at Hongkong for the period ended November 18, 1899. There was 1 case of plague, which developed in Hongkong, and this tends to show that the disease is simply in temporary abeyance.

A telegram received in Hongkong to-day states that there have been three or four cases of plague in Kobe, Japan. I have no other information, but no doubt the Bureau has been informed of the presence of the disease in that city.

Respectfully,

J. C. PERRY,

Passed Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

[Inclosure.]

Report of vessels inspected at Hongkong, China, for the week ended November 18, 1899.

Date.	Name of vessel.	Destination.	Number of crew.	Number of cabin passengers.	Number of steerage passengers.	Number rejected.
Nov. 13	Br. ss. Esmeralda (a).....	Manila, P. I.....	68	5	6	1
Nov. 14	Jap. ss. America Maru	San Francisco, Cal.	178	12	5	5
Do.....	Ger. ss. Independent.....	Cebu, P. I.....	31	0	9	.....
Do.....	Sp. ss. Legazpi.....	Manila, P. I.....	41	6	0	.....
Nov. 15	Br. ss. Shantung.....	Cebu, P. I.....	49	0	0	.....
Do.....	Br. bk. Belmont.....	Astoria, Oreg.....	20	0	0	.....
Nov. 16	U. S. ss. Salvadora.....	Manila, P. I.....	45	6	0	.....
Nov. 17	U. S. ss. Culgoa (b).....	do	81	0	0	.....
Nov. 18	Br. ss. Sung Kiang.....	do	65	5	21	.....
Do.....	St. launch Hargma.....	do	9	0	0	.....

a Crew and steerage passengers bathed and their baggage disinfected with steam.

b United States naval vessel.

COLOMBIA.

Yellow fever at Panama.

PANAMA, December 5, 1899.

SIR: I have the honor to say that some three hundred and fifty soldiers were landed here four days ago, and that among them were some four or five who were sick and who are pronounced to have had yellow fever. They were en route from Buenaventura to Cartagena, but owing to the sickness among them no ship will convey them to that place, and it is likely that they will remain in Panama for some time. Since their arrival here there have been some fifteen cases of fever among them, with 5 deaths. It is not believed that it will spread in the city.

Respectfully,

H. A. GUDGER,

United States Consul-General.

Hon. ASSISTANT SECRETARY OF STATE.

CUBA.

Report from Cienfuegos, Casilda, and Santa Cruz del Sur.

CIENFUEGOS, CUBA, December 18, 1899.

SIR: I have the honor to report that during the week ended December 16, 18 deaths have occurred in this city, 4 of which were in the civil hospital, 2 from malaria, 3 from intestinal diseases, and 4 from tuberculosis. No contagious diseases reported. Death rate for the week, 23.46.

During the week 4 foreign vessels have arrived at this port. Bills of health have been issued to 5 foreign vessels. Twenty-eight Spanish immigrants arrived and were inspected December 12 on the steamship *Miguel Jover*.

Casilda.—Dr. Alejandro Cantero reports 5 deaths in the city of Trinidad; 3 from intestinal diseases, and 1 from tuberculosis. No contagious diseases reported. No foreign vessels at this port during the week.

Santa Cruz del Sur.—Dr. Juan R. Xiques reports 1 death during the week, from tuberculosis. No contagious diseases reported. One foreign vessel inspected at this port during the week.

Respectfully,

J. M. LINDSLEY,

Acting Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL, U. S. Marine-Hospital Service.

Report from Havana.

HAVANA, CUBA, December 20, 1899.

SIR: I have the honor to submit the following sanitary report for the week ended December 16, 1899:

Eight new cases of yellow fever were reported, and 9 deaths have occurred during the week, showing a decided increase in the mortality. There were 13 cases of yellow fever under treatment on the 16th instant. The weather has been cool and pleasant.

The total number of deaths from all causes during the period covered by this report was 146, which gives a death rate of 34.50 per thousand, estimating the population of the city at 220,000.

During the week the barge *Protector* disinfected 90 trunks, 79 valises, and 28 parcels—in all, 197 pieces.

The usual mortality table for the week is appended.

Respectfully,

G. M. GUITÉRAS,

Passed Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL, U. S. Marine-Hospital Service.

[Inclosure No. 1.]

Mortality table at Havana for the week ended December 16, 1899.

Diseases—	Deaths.
Tuberculosis	18
Enteritis.....	12
Pneumonia.....	8
Enteric	2
Malarial.....	5
Yellow fever	9
Pernicious	4
Diphtheria	1
Total deaths, all causes.....	146

[Inclosure No. 2.]

Report of baggage disinfected by the barge Protector at Havana for the week ended December 16, 1899.

Date.	Name of steamer.	Destination.	Baggage.			Total.
			Trunks.	Valises.	Parcels.	
Dec. 10...	Expresso de Gibara	Gibara.....	4	2	5	11
Do....	Maria Herrera	San Juan.....	4	8	3	15
Dec. 11...	Mascotte	Tampa.....	9	12	2	23
Dec. 12...	Miami	Miami.....	3	4	1	8
Dec. 13...	Olivette	Tampa.....	21	25	8	54
Dec. 15...	Miami.....	Miami.....	1	2	0	3
Dec. 16...	Mascotte	Tampa.....	48	26	9	83
	Total.....		90	79	28	197

I certify that the above report is correct.

Respectfully,

G. M. GUITÉRAS,

Passed Assistant Surgeon, U. S. M. H. S.

Reports from Matanzas, Cardenas, and Isabela de Sagua.

MATANZAS, CUBA, December 20, 1899.

SIR: I have the honor to submit herewith the following sanitary report of the quarantine district under my command for the week ended December 16, 1899:

Matanzas.—Twenty-one deaths occurred in the city of Matanzas during the period covered by this report showing a mortality of 27.41 per thousand. The principal causes of deaths were as follows: Enteritis, 7; tuberculosis, 5; heart diseases, 2; cerebral congestion, 2; other causes, 5. The following case of an infectious character was reported: Typhoid fever, 1. Six vessels were inspected on arrival; 4 of these were foreign and 2 were coasting vessels. Six bills of health were issued to foreign vessels and two certificates of inspection to coasting vessels. Eighteen health certificates were issued, 12 to persons leaving the island via Havana. Fourteen pieces of baggage were disinfected and 6 inspected and passed.

Cardenas.—Act. Asst. Surg. Enrique Saez reports that 16 deaths occurred in Cardenas during the week, all from general diseases. No cases of a particularly infectious or contagious character were reported. Sixteen vessels were inspected on arrival; 4 of these were foreign and 12 coasting vessels. Four bills of health were issued to foreign vessels.

Isabela de Sagua.—Act. Asst. Surg. Pedro Garcia Riera reports that

2 bills of health were issued to foreign vessels during the week ; no sanitary report has been received.

Caibarien.—No report has been received in time.

Respectfully,

FELIX GARCIA,

Acting Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

Reports from Santiago, Guantanamo, Manzanillo, and Daiquiri.

SANTIAGO DE CUBA, *December 13, 1899.*

SIR: I have the honor to make the following report of the sanitary condition of the fourth district of the island of Cuba for the week ended December 9, 1899:

Santiago.—During this period there were 21 deaths, a decrease of 4 from the preceding week. The following are the principal causes of death: Leprosy, 1; tuberculosis, 3; tetanus, 1; malarial fevers, 6; intestinal diseases, 1; pneumonia, 1; heart diseases, 3; other causes, 5; total, 21. Population, 34,000; mortality, 32.12.

The case of leprosy was found dead in the house in which yellow fever was first reported this year. The place was taken charge of by the civil authorities.

Two cases of yellow fever were removed to the hospital during this period, 1 mild, the other severe, the latter dying on December 10; the first a man of good habits, the latter a man addicted to drink.

Malarial fever this week claimed 6, 4 of which were under 13 years of age.

The weather is delightfully cool at night, the temperature going down as low as 69° F.

Guantanamo.—There were 5 deaths reported this week, the following being the causes: Tuberculosis, 2; malaria, 2; tetanus, 1. No contagious diseases are reported.

Act. Asst. Surg. H. S. Caminero, who has represented the Service at this station, has been recalled to Santiago, this station not being considered important during the dry season.

Manzanillo.—There were 6 deaths during this period, the following being the principal causes of death: Pneumonia, 1; cancer, 1; tetanus, 1; meningitis, 1; other causes, 2; total, 6. The city still remains free from fever, and is very healthy.

Daiquiri.—Nothing of interest reported.

Respectfully,

HERMAN B. PARKER,

Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

DOMINION OF CANADA.

Reports of smallpox in Ontario.

TORONTO, December 12, 1899.

SIR: In compliance with the resolutions adopted at the conference of State and provincial boards of health, held at Toronto, October 6, 1886, respecting interstate notification of contagious diseases, I beg to make the following statement regarding the prevalence of smallpox in Ontario at the present time:

Municipality.	County.	Date of outbreak.	Houses infected.	Houses at present infected.	Died.	Recovered.	Total cases.	Still sick.
Maidstone.....	Essex.....	Nov. 1	.....	.....	0	.....	22	.....
Belle River.....	do.....	do.....	.....	.....	0	.....	2	.....
Rochester.....	do.....	Nov. 2	.....	.....	0	.....	70	.....
Tilbury, W.....	do.....	Oct. 30	.....	.....	0	.....	31	.....
Tilbury, N.....	do.....	Nov. 5	.....	.....	.....	.....	23	.....
Tilbury, E.....	Kent.....	Nov. 28	.....	.....	0	.....	2	.....
Sandwich, S.....	Essex.....	Dec. 10	.....	.....	0	.....	1	.....
Total.....					0	.....	151	.....

Total houses free of disease since outbreak, 14; cases recovered, 52; leaving 97 cases in 32 houses under quarantine. There have been in all, 151 cases with no deaths.

Respectfully,

PETER H. BRYCE,
Secretary.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

TORONTO, December 16, 1899.

SIR: In compliance with the resolutions adopted at the conference of the State and provincial boards of health, held at Toronto, October 6, 1886, respecting interstate notification of contagious diseases, I beg to make the following statement regarding the prevalence of smallpox in Ontario at the present time:

Municipality.	County.	Date of outbreak.	Houses infected.	Houses at present infected.	Died.	Recovered.	Total cases.	Still sick.
Maidstone.....	Essex.....	Nov. 1	6	5	0	3	23	20
Belle River.....	do.....	do.....	1	0	0	2	2	0
Rochester.....	do.....	Nov. 2	24	18	0	24	93	69
Tilbury, W.....	do.....	Oct. 30	11	8	0	10	40	30
Tilbury, N.....	do.....	Nov. 5	5	0	0	23	23	0
Tilbury, E.....	Kent.....	Nov. 28	1	1	0	0	2	2
Sandwich, S.....	Essex.....	Dec. 10	1	1	0	0	1	1
Total.....			49	33	0	62	184	122

Total houses free of disease since outbreak, 16; cases recovered, 62, leaving 122 cases in 33 houses under quarantine.

Respectfully,

PETER H. BRYCE,
Secretary.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Smallpox in the Province of Quebec.

MONTREAL, December 20, 1899.

The present status of the smallpox outbreak in this province is as follows:

Municipality.	County.	Population.	Date of outbreak.	New cases since last report. (a)	Total cases since outbreak.	Died.	Recovered.	Still sick.	Houses infected since outbreak.	Houses still infected.
St. Philippe de Néri.....	Kamouraska	1,049	Aug. 18	0	2	0	2	0	1	0
Mont-Carmel.....	do.....	1,075	Sept. 5	17	189	0	154	35	45	14
St. Paschal.....	do.....	3,109	Oct. 15	4	24	0	20	4	4	1
Ste. Hélène.....	do.....	1,515	Nov. 15	0	3	0	1	2	2	1
St. Germain.....	do.....	600	.....do.....	0	18	0	10	2	2	1
Amqui	Matane.....	500 (?)	Dec. 16	2	2	.....	.....	2	1	1

a Date of last report, December 12.

The Amqui outbreak was expected, and the local authorities had been notified accordingly. Its origin is as follows: One of the now infected household, while traveling, slept one night, December 1, at Mont-Carmel, in a house in which two days later smallpox developed.

The new cases in Mont-Carmel are all in previously infected houses.

In St. Paschal, an unreliable guard is responsible for the infection of a new house.

Respectfully,

ELZÉAR PELLETIER,
Secretary Board of Health of the Province of Quebec.

FRANCE.

Report from Marseilles.

MARSEILLES, FRANCE, December 12, 1899.

SIR: In further compliance with Bureau order of the 14th ultimo, I have the honor to submit the following report of my visit to this city made with a view of learning the present status of the emigrant traffic from and through Marseilles, and also with special reference to the danger of the introduction of the plague into the United States through this port:

As reported by cablegram, I arrived the 7th instant, but owing to a severe cold contracted while in Southampton, and aggravated by the inclement weather met with in crossing the Channel, I was able to accomplish but little beyond conferring with the United States consul, Mr. Skinner, before the 9th instant.

I have found it extremely difficult to obtain anything like bottom facts—that is, information to one's satisfaction in the matter of my mission here, and to ascertain these only partly appears to require no end of time.

Marseilles has a population approaching close a half million of people, and in commercial importance ranks high among the maritime cities of the world. No less than 14 regular French steamship lines are attached to it, while 22 foreign lines have regular sailings from it, which places it in direct communication with all the principal sea-ports. The city is dependent almost entirely upon its maritime commerce, as the local manufacturing and other interests are of minor

importance, except the tourist travel, which during certain seasons of the year reaches large proportions. But 2 steamship lines operate between here and American ports—one, the Anchor Line, which, owing to the existing laws requiring emigrants to be carried under the French flag, does not handle any of this class of people, while the other, the *Compagnie Française de Navigation à Vapeur*, or popularly known as the Cyprien Fabre Line, sailing by way of Genoa, carries all emigrants taking trans-Atlantic passages from this port. This traffic is, however, relatively light as compared to some other ports visited, for only 191 people of this class were handled throughout the year 1898, and but 111 from January 1 of this year. These are principally Cyprians and Sicilians, who, I am informed, have practically no baggage or luggage, their entire personal effects being often contained in 1 large handkerchief.

There is considerable through traffic of third and fourth class (deck) passengers, who arrive here from the East and are generally sent by rail to Havre as a point of embarkation. This number, at a moderate estimate, will reach from 1,200 to 1,300 people annually. The exact figures could not be obtained as no statistics of this travel are obtainable here. These people arrive by the several lines operating from the East and seek the cheap boarding houses, which naturally are located in the old part of the city, and for the same reason the most unsanitary, and there remain until they can "book" either direct by the Cyprien Fabre Line or preferably overland to Havre and thence by the *Compagnie General Transatlantique*, which handles the vast majority of them.

No boarding houses are maintained by the steamship lines, as the small number would not, or do not, in their opinion justify the necessary outlay, which is not stimulated by the competition prevailing at the other ports inspected.

The steamship lines operating between here and the eastern ports, as Bombay, Calcutta, and like plague-infected places, have on board some of their steamers, portable steam chambers, or so-called "sweating rooms," where clothing, soiled linen, bedding, etc., may be exposed to steam while the vessel is en route, thus diminishing the time of detention at Frioul, the quarantine station for Marseilles. These sweating rooms are operated by officers of the steamer, and the submitting of one's effects to this process is, if deemed necessary, only compulsory as regards the belongings of the crew, while it is altogether optional on the part of all passengers whether they have their effects so treated or not.

I was desirous of ascertaining further about these sweating rooms and their management but was unable to visit the only steamer arriving from Bombay during my stop here, which performed quarantine, discharged its passengers numbering several hundred, and departed, all in the course of a few hours.

Formerly Brindisi was the port of departure and arrival for the Peninsular and Oriental Line of steamers, which are the largest carriers of the Eastern passenger traffic; but, owing to concessions from the French Government, they have practically abandoned Brindisi for Marseilles. The Italian Government, to retain this trade or a portion of it, will send a representative to Port Said to establish, as an offset to this monopoly, "sweating rooms" for the steaming of fabrics, etc., on steamers from the East bound to Brindisi, and thus lessen the time of detention of vessels in quarantine at that port. This plan, it is understood, will become effective on January 1.

Through the kindness of Dr. Antonin Catelin, director of health, I was invited to visit the quarantine station, which is controlled by the French Government, and is located on the island of Frioul, a rocky eminence about 4 miles down the bay from the city. The station is admirably situated for the reception of passengers and the disinfection of vessels, etc. It consists of an isolation station or "lazaretto" for the treatment of infectious diseases, placed at a distance of several hundred yards away from the main reception station, on an elevated plateau, and surrounding all the buildings, which are complete, each in itself, is a high wall of solid masonry; second, of a main reception station for the housing and accommodation of the first, second, and third class passengers, which consists of 2 hotels and a large barracks, all well and comfortably equipped; third, of a small hospital for suspects, and, fourth, across the basin, about one-quarter of a mile wide, a large building for the reception of passengers undergoing quarantine, bathing, and steaming of clothing, bedding, etc. The chambers, 2 in number, are about 4 by 4 by 12 feet, and are unprovided with jackets. The vacuum is obtained by means of pumps. As far as could be learned vessels are not subjected to a gaseous disinfection. The living compartments, closets, etc., if deemed necessary by the quarantine physician, are sprayed with a 5 per cent carbolic acid solution. There appears to be no disinfection of the holds of vessels in the case of yellow fever, cholera, or plague, the 3 diseases quarantined here.

Vessels arriving at Frioul, not given free pratique, are considered under the following three heads: First, indemne; second, suspect; third, infected. A vessel is held as "indemne" which comes from an infected place but has had no cases or deaths of a pestilential disease on board, before sailing, during voyage, or at the time of arrival. A vessel is considered as "suspect" which has had one or many cases, confirmed or suspected, at the time of departure or during the voyage, but having had no new cases of cholera for seven days or yellow fever or pest for nine days. A vessel is considered as "infected" which presents on board one or many cases confirmed or suspected, of a pestilential disease, or which has had on board cholera within less than seven days, or yellow fever or pest within nine days. The treatment differs but slightly according to which of the above-mentioned classes the vessel belongs, and consists of the steaming of the soiled linen, effects in use, fabrics about rooms, and of all objects and baggage which the port sanitary authorities consider as contaminated. I was unable to witness the handling of vessels at the station, as at the time of my visit none were in quarantine, and, therefore, I am unable to express an opinion as to the efficiency of the work done there.

The feeling existing in the city is one of considerable apprehension on account of the plague, owing to the extensive connections with the East and western Mediterranean ports. And indeed the city has for this reason some grounds for fear, as it is the gateway of the continent from the east and south, and has risks to run and opportunities for the importation of the plague during the coming season, unless restrictions more stringent than those which at present appear to be in force are adopted.

There are no shipments of wool or hides from India being made direct from here to the United States, as these articles are forwarded to London and Liverpool for transshipment.

I note from the Atlas, a paper published in Algiers and dated the 3d instant, that the Hamburg-American Liner *Fürst Bismarck*, which was to have landed there, proceeded direct from Gibraltar to Naples with-

out stopping at Algiers. The cause of this was the establishment of quarantine in Greece and Turkey against arrivals from Algiers and the fear of the company to see the same regulations enforced at any moment in Italy. The article further stated that an official contradiction (clipping inclosed from Paris) had been forwarded by all consuls to their respective governments concerning the nonexistence of the plague in Algeria. Rumors are extant here to some extent, in this connection, both pro and con.

As was cabled you yesterday, smallpox is epidemic in Marseilles. During the month of October there were 30 cases admitted to the hospitals, with 9 deaths. During November 500 cases were admitted to the hospitals, with 100 deaths. Vaccination, while offered free of charge and urged by the sanitary authorities, is not compulsory except in the schools. As the cases reported include only those admitted to the hospitals, it is impossible to arrive at any definite conclusion as to the extent of the epidemic, but it is safe to state that the number of cases in the city would considerably increase the figures above given.

The most dangerous part of the city, that known as the Old Port, is surrounded by a cordon; but on making a tour of observation through this section to learn something of the appearance of things, which need only to be seen to be appreciated, I was unmolested and did not see soldiers or police on guard duty.

The consul is requiring a disinfection of all rags shipped from here to the United States.

It is exceedingly important as a matter of precaution, as well as for other purposes, that a regular officer of the Service be sent here, for not only is Marseilles threatened with an invasion by the plague sooner or later, but as a point from which to collect reports relative to the existence of plague at other places, there is none better located for the purpose than Marseilles, owing to its numerous communications with a large number of ports, and it is recommended that an officer be detailed for duty here as early as practicable.

I depart to-morrow for Barcelona.

Respectfully,

J. A. NYDEGGER,

Passed Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

GIBRALTAR.

Steamship Berenice with cases of plague.—Sanitary precautions.

GIBRALTAR, November 28, 1899.

On the morning of the 24th instant the Austro-Hungarian steamship *Berenice* arrived off this port from Santos, Rio de Janeiro, and Praya, after a passage of thirty-five days, loaded with a general cargo, bound for Trieste, Austria. Her crew was composed of 41 individuals. She had also on board 5 passengers.

During the passage 3 of the crew and 1 passenger died from "bubonic plague." The last fatal case occurred on the 17th instant, previous to the *Berenice* reaching Praya. The bodies were committed to the sea without delay.

The Gibraltar sanitary and port authorities prohibited the *Berenice* from entering this port, and, as she was in want of fuel she kept lying, off and on, outside the entrance of this bay and cruising in the straits

until arrangements were made on shore for supplying her with 80 tons of coal, which were accomplished through the owner's agents here, by purchasing an old hulk, which they loaded with the coal, provisions, and water.

The hulk was then so placed in a position as to drift alongside of the *Berenice*. Nobody from the shore was on board of the hulk at the time the Austro-Hungarian steamer took her alongside, and after taking in the coal, etc., out of the hulk with her own crew, she proceeded to sea on the 26th instant with the empty hulk in tow, the intention being to sink or destroy the hulk on her way up the Mediterranean, if circumstances should so require.

Respectfully,

HORATIO J. SPRAGUE,
United States Consul.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

INDIA.

Statement showing the mortality from plague in India for week ended November 18, 1899.

Place.	Deaths.	Place.	Deaths.
THE BOMBAY PRESIDENCY AND SIND.		OUTSIDE BOMBAY PRESIDENCY AND SIND—continued.	
Ahmedabad District.....	3	Madras Presidency—Continued.	
Ahmednagar District.....	72	Coimbatore District.....	4
Akalkot State.....	4	Mysore State—	
Aundh State.....	8	Bangalore City.....	19
Baroda State.....		Bangalore Civil and Military Sta-	
Belgaum District.....	318	tion.....	4
Bhor State.....	10	Bangalore District.....	52
Bijapur District.....	141	Kolar District.....	2
Bombay City.....	100	Kolar Gold Fields.....	4
Broach District.....		Mysore City.....	34
Cutch State.....	1	Mysore District.....	27
Dharwar District.....	359	Tumkur District.....	
Hyderabad (Sind) District.....	24	Chitaldrug District.....	16
Janjira State.....		Total.....	154
Kaira District.....	2	Hyderabad State—	
Kanara District.....	5	Gulburga District.....	35
Karrachee City.....	6	Lingsugur District.....	235
Karrachee District.....	6	Naldurg District.....	263
Kathiawar State.....		Bidar District.....	2
Khandesh District.....		Arangabad District.....	
Kolaba District.....	3	Total.....	557
Kolhapur State.....	525	Central Province—	
Mahi Kantha State.....		Wardha District.....	2
Nasik District.....	47	Nagpur City.....	17
Palanpur State.....		Nagpur District.....	6
Panch Mahals District.....		Nimar District.....	
Poona City.....	5	Punjab—	
Poona District.....	167	Jullundur District.....	3
Rainagiri District.....	8	Hoshiarpur District.....	
Revakantha State.....		Rawal Pindi District.....	
Satara District.....	182	Bengal—	
Savantvadi State.....		Calcutta.....	44
Savanur State.....	3	Howrah District.....	
Shikarpur District.....	109	Hooghly District.....	
Sholapur District.....	26	24-Parganas District.....	
Surat District.....	23	Nadia District.....	
Thana District.....		Khulana District.....	
Upper Sind Frontier.....		Dacca District.....	
OUTSIDE BOMBAY PRESIDENCY AND SIND.		Darbhanga District.....	
Madras Presidency—		Saran District.....	5
Anantapur District.....		Shahabad District.....	
Bellary District.....	11	Tipperah District.....	
Chingleput District.....		Singbhoon District.....	
Kurnool District.....		Balasore District.....	
Madras City District.....		Central India.....	a1
North Arcot District.....			
Salem District.....	5		
Nellore District.....			
Trichinopoly District.....			

a Imported.

JAPAN.

Plague in Kobe held in check.

YOKOHAMA, JAPAN, November 30, 1899.

SIR: I have the honor to inform you that the outbreak of plague in and about Kobe, either by the very active measures taken by the Japanese authorities, or by the increasing coldness of the weather, is being held in check. Up to this evening there have been diagnosed unmistakably 11 cases in all, of which 10 are dead.

Cases of suspected pest are reported from several other localities, generally of people who have come from Kobe or Osaka, but, so far, none of these appear to have been unquestionable, nor have they, in a single instance, initiated any local outbreak.

I am compelled to report briefly by this mail, but more detailed accounts will follow by the steamer sailing December 2.

Respectfully,

STUART ELDRIDGE, M. D.,
*Acting Assistant Surgeon, U. S. M. H. S.,
Sanitary Inspector, Yokohama.*

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Quarantine regulations applied to emigrants for the United States at Yokohama.

YOKOHAMA, JAPAN, November 22, 1899.

SIR: I have the honor to report that in view of the outbreak of bubonic plague at Kobe (Hiogo) it has been considered expedient to take unusual precautions at this port to prevent disease reaching the United States, and that Dr. Eldridge, United States sanitary inspector, has, with my approval, issued a circular to the various steamship agents here, notifying the enforcement of Article IX of the Quarantine Regulations, relating to the segregation and detention of emigrants. A copy of the circular is herewith inclosed.

Respectfully,

JOHN F. GOWEY,
Consul-General.

Hon. ASSISTANT SECRETARY OF STATE.

[Circular—Inclosure.]

SANITARY INSPECTOR FOR UNITED STATES.

Yokohama, Japan, November 22, 1899.

Attention is called to the following portions of the Quarantine Laws and Regulations of the United States.

Art. V. When practicable passengers should not ship from an infected port. Steerage passengers coming from cholera-infected districts must be detained for five days in suitable houses or barracks, located where there is no danger from infection, and all baggage disinfected as hereinafter provided; the said period of five days to begin only after the bathing of the passengers, disinfection of all their baggage and apparel, removal of all food brought with them, and isolation from others not so treated.

Art. IX. At all foreign ports or places infected, or suspected of being infected with plague, the United States Quarantine Regulations of 1894, relating to cholera shall be observed with regard to vessels and cargoes bound to the United States. Passengers and crews of said vessels who have been exposed to the infection, or are liable to convey the disease, shall be detained a period of not less than fifteen days from the last possible exposure to infection, under the same regulations as those relating to cholera.

All concerned are hereby notified that passengers traversing an infected district, *e. g.*, Kobe at the present time, are considered as coming from an infected locality, and the

regulations will therefore apply equally to passengers coming from the southern provinces by rail to Yokohama, and those embarking on shipboard at Kobe or other infected port in that neighborhood.

In view of the facts that Hawaii is now part of the territory of the United States, and that its sanitary laws correspond in every respect to those of the latter country and are still in force, the foregoing will apply to passengers on ships bound only to Hawaiian ports as well as those on vessels touching there on the voyage to the United States.

RICHARD ELDRIDGE, M. D.,
Sanitary Inspector, U. S. M. H. S.

Concurred in.

K. ROKKAKU, M. D.,
Sanitary Inspector for Hawaii.

Approved:

JOHN F. GOWEY,
Consul-General of the United States.

PORTUGAL.

Plague in Masan.

[Cablegram.]

CADIZ, SPAIN, December 25, 1899.

Plague is now present in Masan, Portugal.

NYDEGGER,
Passed Assistant Surgeon.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

SPAIN.

Reports from Barcelona.

BARCELONA, December 2, 1899.

SIR: I have the honor to make the following report of the transactions of this office for the week ended December 2, 1899:

On December 2 the steamship *Juan Forgar* from Barcelona to Havana, Cuba, was inspected. Nineteen cabin and 30 steerage passengers were inspected and passed; 59 pieces of baggage inspected and labeled. This ship was in a fair sanitary condition. I directed some changes in regard to water-closet and hospital to make them conform to United States navigation laws.

On December 2 the steamship *Alicante* from Liverpool and Spanish ports was given a supplemental bill of health. She carried from this port 17 cabin and 20 steerage passengers. All inspected and passed by me. I have not been able as yet to obtain any reliable statistics of the mortality of this city.

I inclose a copy of a circular which was sent to the steamship companies of this port.

Respectfully,

JOHN F. ANDERSON,
Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

[Inclosure—Translated.]

BARCELONA, November 30, 1899.

GENTLEMEN: I have the honor to inform you that from this date the following measures will be put in force, in compliance with the sanitary regulations of the United States:

Vessels.—Every vessel which leaves this port for ports of the United States, Cuba, and Porto Rico, shall be inspected on the day of departure, by daylight, and previous

to departure, by Asst. Surg. John Anderson, of the Marine-Hospital Service, detailed to this consulate-general.

Passengers.—Passengers of the first and second class shall be examined immediately before the departure of the vessel. Passengers of the third class shall all be examined by Dr. Anderson before embarkation on the wharf or place designated by the company, at which place the baggage of the emigrants shall also be inspected. Before embarkation, each emigrant shall present to Dr. Anderson his personal certificate or other document attesting his previous domicile; without presentation of said certificate the emigrant will not receive his card of inspection.

BARCELONA, SPAIN, *December 5, 1899.*

SIR: I have the honor to report that for the week ended December 25, 1899, the following ship was inspected: On November 25, 1899, the steamship *Montserrat*, of the Compania Transatlantica, bound with passengers for ports in Cuba and Porto Rico. There were 62 cabin and 39 steerage passengers. Forty-four pieces of steerage baggage were inspected and labeled.

Respectfully,

JULIUS G. LAY,
Consul-General.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

BARCELONA, SPAIN, *December 11, 1899.*

SIR: I have the honor to transmit under same cover the weekly abstract of bills of health for the week ended December 9, 1899.

The steamship *J. Jover Sena*, to New Orleans via Cuban ports, was inspected on December 7. Forty-four cabin and 94 steerage passengers were inspected and passed. This steamship carried 32 Syrians and Armenians, whom I subjected to a very close examination, especially for favus and trachoma, but passed all; 102 pieces of large and small baggage were inspected and labeled.

On the 7th the steamship *Conde Wifredo*, from Genoa via Barcelona and Cuban and Porto Rican ports to New Orleans was inspected and given a supplemental bill of health. Thirteen cabin and 9 steerage passengers were inspected and passed; 8 pieces of large and small baggage were inspected and labeled. This steamship was the dirtiest I have seen for many a day; I made them clean up, and when she finally sailed, she was in a fair condition. The passengers carried from this port are a fine class, physically, chiefly men, from 30 to 45 years of age; most of them have a considerable amount of money; but for the few Syrians and Armenians I would rate them first class.

All of these steamships stop at other Spanish ports and at the Canaries, and, I understand, take on more passengers for Cuba and Porto Rico. When they leave here they are in from fair to good condition, but I fear far from that when they arrive at their destination. I particularly desire to invite the attention of the Bureau to the fact of passengers being taken on *after leaving here*, as at Valencia, Malaga, Alicante, and the Canaries, and the possibility of diseased or disease-bearing persons being in the number.

Respectfully,

JOHN F. ANDERSON,
Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

Report from Corunna.

CORUNNA, December 9, 1899.

SIR: I have the honor to report for the week ended Saturday, December 9, 1899.

The following vessel was inspected and cleared during the week: December 3, steamship *Madriteno*, Lazarraga, master; crew 41; passengers 138, of which 92 taken on here, carefully inspected and passed, with baggage; for Havana.

Contagious diseases in this locality during the week ended Saturday, December 2, 1899: Smallpox, 4 cases reported, and 2 deaths.

Respectfully,

JULIO HARMONY,
United States Consul.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

HAWAIIAN ISLANDS.

Plague in Honolulu.

[Cablegram.]

HONOLULU, H. I., December 20,
via Victoria, B. C., December 28, 1899.

There are 2 cases reported plague at Honolulu; 2 deaths December 12. No new cases to December 20. Quarantine against infection raised December 19.

CARMICHAEL, Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,
U. S. Marine-Hospital Service.

FOREIGN STATISTICAL REPORTS.

AFRICA—*Cape Town*.—Month of October, 1899. Estimated population, 60,000. Total number of deaths, 197, including diphtheria, 2; enteric fever, 3; measles, 7; scarlet fever, 1; whooping cough, 3, and 37 from phthisis pulmonalis.

AUSTRALIA—*New South Wales—Sydney*.—Month of October, 1899. Estimated population, 426,950. Total number of deaths, 447, including enteric fever, 1; whooping cough, 3, and 47 from phthisis pulmonalis.

AUSTRIA—*Brunn*.—Month of October, 1899. Estimated population, 82,660. Total number of deaths, 200, including diphtheria, 1; enteric fever, 1, and 34 from phthisis pulmonalis.

BAHAMAS—*Dunmore Town*.—Two weeks ended December 8, 1899. Estimated population, 1,472. One death. No contagious diseases.

Governors Harbor.—Two weeks ended December 9, 1899. Estimated population, 1,500. Total number of deaths, 2. No contagious diseases.

Green Turtle Cay—Abaco.—Two weeks ended December 7, 1899. Estimated population, 3,900. No deaths and no contagious diseases.

Nassau.—Two weeks ended December 12, 1899. Estimated population, 12,000. Number of deaths not reported. No contagious diseases reported.

CANADA—*Province of Ontario*.—Reports to the Provincial board of health for the month of October, 1899, from 740 localities having an aggregate estimated population of 2,275,000, show a total of 1,940

deaths, including diphtheria, 34; enteric fever, 88; measles, 4; scarlet fever, 8; whooping cough, 7, and 194 from phthisis pulmonalis.

FRANCE—Nice.—Month of November, 1899. Estimated population, 108,227. Total number of deaths, 216, including diphtheria, 2; enteric fever, 6, and 26 from phthisis pulmonalis.

Roubaix.—Month of November, 1899. Estimated population, 127,086. Total number of deaths, 162, including diphtheria, 1; enteric fever, 3; measles, 10, and 1 from whooping cough.

GREAT BRITAIN—England and Wales.—The deaths registered in 33 great towns in England and Wales during the week ended December 2, 1899, correspond to an annual rate of 18.9 a thousand of the aggregate population, which is estimated at 11,404,408. The highest rate was recorded in Hull, viz, 25.2, and the lowest in Croydon, viz, 11.4.

London.—One thousand six hundred and ninety-five deaths were registered during the week, including measles, 43; scarlet fever, 8; diphtheria, 52; whooping cough, 15; enteric fever, 26, and diarrhea and dysentery, 7. The deaths from all causes correspond to an annual rate of 19.4 a thousand. In Greater London 2,203 deaths were registered, corresponding to an annual rate of 17.6 a thousand of the population. In the "outer ring" the deaths included 14 from diphtheria, 13 from measles, and 5 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended December 2, 1899, in the 22 principal town districts of Ireland was 24.9 a thousand of the population, which is estimated at 1,053,188. The lowest rate was recorded in Portadown, viz, 0.0, and the highest in Kilkenny, viz, 37.8 a thousand. In Dublin and suburbs 259 deaths were registered, including diphtheria, 2; enteric fever, 6; measles, 29; 2 from scarlet fever, and 1 from whooping cough.

Scotland.—The deaths registered in 8 principal towns during the week ended December 2, 1899, correspond to an annual rate of 20.5 a thousand of the population, which is estimated at 1,587,414. The lowest mortality was recorded in Leith, viz, 17.5, and the highest in Greenock, viz, 29.0 a thousand. The aggregate number of deaths registered from all causes was 625, including diphtheria, 3; measles, 34; scarlet fever, 6, and whooping cough, 6.

JAMAICA—Kingston.—Month of November, 1899. Estimated population, 34,314. Total number of deaths, 99, including 8 from phthisis pulmonalis.

NORFOLK ISLAND.—Month of September, 1899. Estimated population, 846. One death; no contagious diseases.

Month of October, 1899. One death; no contagious diseases.

SWITZERLAND.—Reports for the two weeks ended November 11, 1899, from 15 cities and towns having an aggregate estimated population of 670,000, show a total of 384 deaths, including diphtheria, 4; enteric fever, 3; scarlet fever, 1; whooping cough, 3, and 48 from phthisis pulmonalis.

MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Acapulco.....	Dec. 9	6,000	4										
Alexandretta.....	Nov. 25	7,500	5										
Do.....	Dec. 2	7,500	4										
Amherstburg.....	Dec. 16	2,300	0										
Amsterdam.....	Dec. 9	521,620	154							1			1
Antwerp.....	Dec. 2	287,462	84					4		6	1	1	
Barranquilla.....	do.....	40,000	19	4									
Belfast.....	do.....	350,000	118							5	2		4
Belize.....	Dec. 14	13,000	5										
Birmingham.....	Dec. 2	514,956	179							8	2	4	5
Do.....	Dec. 9	514,956	165							8	2	4	5
Bombay.....	Nov. 21	521,764	897	110	2			7		1		10	3
Bradford.....	Dec. 2	231,260	76							1	1	1	1
Breslau.....	Nov. 25	300,000	181	29						2	1	2	2
Do.....	Dec. 2	300,000	184	24						1	1	2	1
Bristol.....	do.....	350,911	111							1	1		2
Do.....	Dec. 9	350,911	120									1	
Brussels.....	Dec. 2	551,611	137							2	1	2	
Calcutta.....	Oct. 28	681,550	448		60	8							
Callao.....	Nov. 19	25,000	19	1									
Do.....	Nov. 26	25,000	20	4									
Catania.....	Dec. 7	124,000	66	6						3			
Chihuahua.....	Dec. 2	24,000						9				1	
Do.....	Dec. 9	24,000	9					8		1			
Christiania.....	do.....	225,000	50							1	1	1	
Cognac.....	Nov. 25	20,400	5										
Do.....	Dec. 2	20,400	3										
Cologne.....	Nov. 25	361,757	137									3	8
Colombo.....	Nov. 4	130,000	106										1
Do.....	Nov. 11	130,000	88										
Colon.....	Nov. 13	8,000	4					1		2			
Copenhagen.....	Dec. 2	351,000	112							2		1	6
Corunna.....	do.....	38,400	32					2					1
Do.....	Dec. 9	38,400	34					1		2			
Crefeld.....	Dec. 2	108,183	35							1	4		
Do.....	Dec. 9	108,183	34								2		
Dublin.....	Dec. 2	348,594	259							6	3	2	29
Dundee.....	Dec. 9	166,072	70									7	1
Dusseldorf.....	Nov. 18	202,405	62									1	4
Do.....	Nov. 25	202,405	58									1	1
Flushing.....	Dec. 9	18,371	8										
Frankfort.....	Nov. 25	253,000	72										
Gibraltar.....	Nov. 26	25,900	12									1	1
Girgenti.....	Dec. 2	24,428	13										
Glasgow.....	do.....	733,903	296							5	3	1	14
Gothenburg.....	do.....	122,205	44									1	3
Guatemala.....	do.....	65,000	41							1			
Hongkong.....	Nov. 11	248,710	117							1		1	
Kurrachee.....	Nov. 18	98,193	70	6									
Kingston, Canada.....	Dec. 22	18,300	7										
Konigsberg.....	Nov. 17	181,047									6	1	
La Rochelle.....	Dec. 3	30,000	11										
Do.....	Dec. 10	30,000	7										
Leeds.....	Dec. 9	423,889	148								1	9	6
Licata.....	Dec. 2	20,000	16					2					5
Liege.....	Nov. 25	170,429	42									1	
Lyons.....	Dec. 2	466,028	177							2			
Marseilles.....	Dec. 11	447,344	332										
Matamoros.....	Dec. 15	16,304	8	1									
Melbourne.....	Oct. 7	470,000											
Do.....	Oct. 14	470,000										1	
Do.....	Oct. 21	470,000										2	
Do.....	Oct. 28	470,000								1			
Do.....	Nov. 4	470,000								1		1	
Do.....	Nov. 11	470,000											
Montevideo.....	do.....	215,061	58										
Do.....	Nov. 18	215,061	57							1			
Moscow.....	Nov. 25	1,000,000	511							6	7	9	3
Nagasaki.....	Nov. 27	131,000											4
Newcastle-on-Tyne.....	Dec. 2	228,625	84							1		2	4
Nuremberg.....	Nov. 18	236,910	107								2	13	1
Odessa.....	Dec. 2	414,800	127							4		3	2

MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—								
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.
Osaka and Hiogo.....	Nov. 18	214, 119	115	.....	.....	.....	.....	.....	.....	1	.....	5
Do.....	Nov. 25	214, 119	126	.....	.....	.....	.....	.....	.....	2	.....	1
Palermo.....	Dec. 2	300, 000	147	.....	.....	.....	.....	.....	.....	.....	.....	.....
Panama.....	Dec. 12	16, 000	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Port Limon.....	Dec. 9	3, 500	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Puerto Cortes.....	Dec. 13	2, 000	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Quebec.....	Dec. 16	73, 000	.....	.....	.....	.....	.....	.....	.....	2	2	.....
Rheims.....	Dec. 9	107, 709	44	.....	.....	.....	.....	.....	.....	1	.....	1
Rotterdam.....	.....do.....	318, 690	104	.....	.....	.....	.....	.....	.....	2	1	2
St. Etienne.....	Nov. 30	135, 000	.....	.....	.....	.....	.....	.....	.....	4	.....	1
St. John, New Brunswick.	Dec. 16	45, 000	7	1	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	Dec. 23	45, 000	20	2	.....	.....	.....	.....	.....	.....	.....	.....
St. Petersburg.....	Dec. 2	1, 267, 023	631	.....	.....	.....	.....	.....	.....	11	26	35
St. Stephen.....	Dec. 16	3, 000	.....	.....	.....	.....	.....	.....	.....	.....	.....	27
Sheffield.....	Dec. 9	363, 460	138	.....	.....	.....	.....	.....	.....	5	2	16
Singapore.....	Oct. 28	97, 100	134	.....	.....	3	.....	13	.....	.....	.....	7
Smyrna.....	Dec. 3	300, 000	71	.....	.....	.....	.....	3	.....	.....	.....	.....
South Shields.....	Dec. 2	102, 312	30	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sunderland.....	.....do.....	145, 613	49	.....	.....	.....	.....	.....	.....	3	.....	.....
Tamatave.....	Nov. 5	6, 000	13	.....	4	.....	.....	.....	.....	.....	.....	.....
Do.....	Nov. 12	6, 000	13	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trapani.....	Dec. 2	45, 095	18	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tuxpam.....	Dec. 11	10, 000	4	1	.....	.....	.....	.....	.....	.....	.....	.....
Utiila.....	Dec. 9	800	0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vera Cruz.....	Dec. 14	25, 000	38	.....	.....	.....	3	2	.....	.....	.....	.....
Vienna.....	Dec. 8	1, 639, 811	540	.....	.....	.....	.....	.....	.....	3	4	9
Windsor.....	Dec. 16	3, 000	0	.....	.....	.....	.....	.....	.....	.....	.....	14
Winnipeg.....	Dec. 7	50, 000	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Do.....	Dec. 16	50, 000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

By authority of the Secretary of the Treasury :

WALTER WYMAN,
Surgeon-General U. S. Marine-Hospital Service.

